## American Funds Europacific Growth R6 RERGX

Morningstar Category Foreign Large Growth Morningstar Index MSCI EAFE NR USD

## Portfolio Manager(s)

Carl Kawaja since 06-2001
Nicholas Grace since 06-2002
Sung Lee since 06-2002
Jesper Lyckeus since 06-2004
Jonathan Knowles since 06-2006
Andrew Suzman since 06-2007
Christopher Thomsen since 06-2008
Lawrence Kymisis since 06-2014
Lara Pellini since 10-2014
Gerald Manoir since 01-2020
Noriko Chen since 01-2020

### Quantitative Screens

- Performance: The fund has finished in the Foreign Large Growth category's top three quartiles in 9 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 20.6 years.
- Net Expense: The fund's expense ratio of 0.46 is 56.6% lower than the Foreign Large Growth category average.

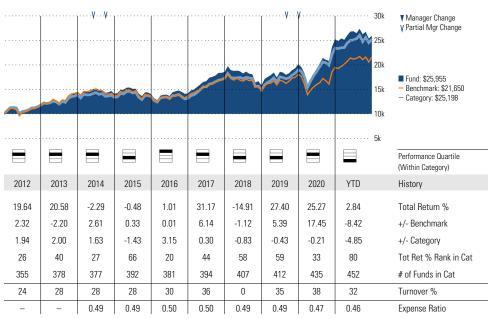
## **Morningstar Investment Management LLC Analysis**

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Management's quantitative screens. Morningstar
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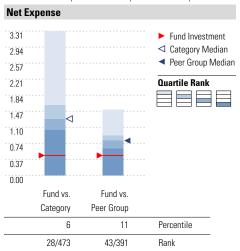
## **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	2	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	4.17	_	7.05
Beta	0.99	_	0.88
R-Squared	89.79	_	82.00
Standard Deviation	17.88	17.16	16.68
Sharpe Ratio	0.97	0.78	1.12
Tracking Error	5.72	_	7.43
Information Ratio	0.77	_	0.84
Up Capture Ratio	108.94	_	106.78
Down Capture Ratio	93.12	_	81.06

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	21.65	16.51	25.03
Price/Book Ratio	2.85	1.86	3.67
Geom Avg Mkt Cap \$B	61.49	49.49	60.75
ROE	18.72	17.65	20.73





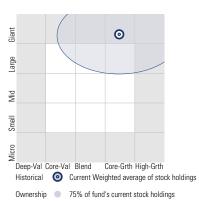
# American Funds Europacific Growth R6 RERGX

## Morningstar Category Foreign Large Growth N

## **Morningstar Index** MSCI EAFE NR USD

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Style Breakdown

Equity

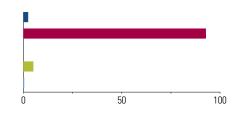
50	30	11
3	4	2
0	0	0

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

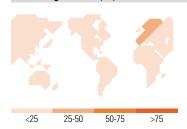
## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.23	0.49
Cash	4.86	2.50
Bonds	0.00	0.02
Non-US Stocks	92.69	89.04
US Stocks	2.24	7.95
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1	Bencl	nmark	Categ	ory Ave	erage		_	
<mark>Դ</mark>	Cyclical	36.08	38.34	32.78										
A.	Basic Materials	7.66	7.68	6.34			ľ							
<b>A</b>	Consumer Cyclical	11.93	10.93	12.95										
<b>,</b>	Financial Services	15.90	16.92	13.17										
<b>fi</b>	Real Estate	0.59	2.81	0.32	0	'								
W	Sensitive	44.44	34.95	44.72										
	Communication Services	5.20	5.36	6.20										
ð	Energy	5.83	3.67	1.97				_						
Ф	Industrials	11.84	15.62	16.26		-								
	Technology	21.57	10.30	20.29										
<b>—</b>	Defensive	19.48	26.70	22.50						]				
Ħ	Consumer Defensive	5.51	10.26	7.77										
+	Healthcare	12.40	13.18	13.85				I []						
•	Utilities	1.57	3.26	0.88		•								
					0%	5	10	15	20	25	30	35	40	45

## World Regions % Equity 12-31-2021



	Fund %	Cat %
Greater Asia	37.75	29.03
Japan	11.26	11.96
Australasia	1.73	1.33
Asia-4 Tigers	9.19	6.95
Asia-ex 4 Tigers	15.57	8.79
Not Classified	0.00	0.00

Americas	Fund % 13.65	Cat % 14.89	Greater Europe	Fund % 48.60	Cat % 56.08	Market Maturity	Fund %
North America	8.26	12.71	United Kingdom	6.88	9.52	Developed Markets	77.71
Central/Latin	5.39	2.18	W euro-ex UK	39.42	44.90	Emerging Markets	22.29
			Emrgng Europe Africa	1.17 1.13	0.67 0.99	Not Available	0.00

<b>Top 10 Holdings</b> as of 12-31-2021				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	5.17	5.17	_	_
⇒ ASML Holding NV	4.04	9.22	78.48	Technology
⊕ Reliance Industries Ltd	2.58	11.80	19.60	Energy
⊕ Taiwan Semiconductor Manufacturing Co Ltd	2.53	14.32	18.02	Technology
LVMH Moet Hennessy Louis Vuitton SE	2.25	16.57	43.67	Consumer Cyclical
⊕ Shopify Inc Registered Shs -A- Subord Vtg	1.67	18.24	21.18	Technology
⊖ Keyence Corp	1.57	19.81	24.93	Technology
→ Airbus SE	1.57	21.38	25.15	Industrials
∋ Sika AG	1.54	22.92	57.91	Basic Materials
	1.54	24.46	-19.51	Consumer Cyclical

## Total Holdings 403

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

## **Baird Aggregate Bond Inst** BAGIX

### Morningstar Category Intermediate Core Bond

## Morningstar Index

BBgBarc 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 05-2019 Patrick Brown since 05-2021

## **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 21.27 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.

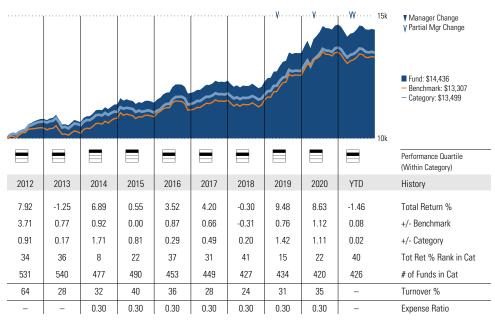
## **Morningstar Investment Management LLC Analysis**

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Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
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## **ESG Metrics**

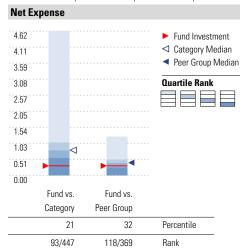
Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021

## Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2021 ■ Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 yea 5 year Fund Return % -0.10 -1.46 5.43 4.01 3.74 5.16 0.01 -1.54 4.79 3.57 2.90 7.11 Benchmark Return % -n 24 4 81 2 95 -1 48 3 47 Category Average % 29 40 20 13 9 % Rank in Category 442 426 389 351 256 # of Funds in Category

3-Voor Rick Matrice



Fund	Bmark	Cat
0.22	_	0.04
1.09	_	1.01
91.63	_	84.77
3.86	3.40	3.75
1.20	1.18	1.09
1.15	_	1.45
0.55	_	-0.09
113.05	_	104.26
112.92	_	109.91
	0.22 1.09 91.63 3.86 1.20 1.15 0.55	0.22 - 1.09 - 91.63 - 3.86 3.40 1.20 1.18 1.15 - 0.55 - 113.05 -

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.78	4.43	6.27
Avg Eff Maturity	8.49	-	7.77



# **Baird Aggregate Bond Inst** BAGIX

Style Analysis as of 12-31-2021
Style Breakdown
Fixed Income

Quality

Selection Selection 

Guality

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	59.10	3.53	46.66
AA	3.40	74.59	11.82
A	13.60	10.82	22.68
BBB	23.20	8.32	15.84
BB	0.70	0.28	1.55
В	0.00	0.00	0.51

0.00

0.00

0.00

2.46

0.23

0.72

MOT

Mod Ext

Duration

Below B

Not Rated

#### Asset Allocation as of 12-31-2021 Asset Class Net % Cat% US Stocks 0.00 0.05 Non-US Stocks 0.00 0.00 Bonds 92.76 95.78 Cash 3.22 1.97 Other 4.03 2.20 50 100 Total 100.00 100.00

Morningstar Category Intermediate Core Bond Morningstar Index

BBgBarc US Agg Bond TR USD

Fund 30.09 30.04 0.00 0.03 0.02 38.96 35.00	Bmark	Cat 30.55 24.84 1.50 1.23 2.98 26.86	Fund		Benchma	ark    C	ategory A	Average			
30.04 0.00 0.03 0.02 38.96 35.00	- - - -	24.84 1.50 1.23 2.98									
0.00 0.03 0.02 <b>38.96</b> 35.00	- - -	1.50 1.23 2.98									
0.03 0.02 <b>38.96</b> 35.00	- - -	1.23									
0.02 <b>38.96</b> 35.00	-	2.98									
<b>38.96</b> 35.00	_										
35.00		26.86									
	_										
		25.66									
0.00	-	0.06									
3.96	_	1.11									
0.00	_	0.03									
26.64	-	32.19		-							
14.75	-	21.27									
0.00	-	0.05									
3.61	_	3.75									
0.41	_	0.24									
4.64	_	1.28									
3.23	_	5.60									
0.00	_	0.00									
1.09	-	0.84									
3.22	-	7.18									
0.00	-	2.41	1								
	0.00 3.96 0.00 <b>26.64</b> 14.75 0.00 3.61 0.41 4.64 3.23 0.00 <b>1.09</b>	0.00 - 3.96 - 0.00 - 26.64 - 14.75 - 0.00 - 3.61 - 0.41 - 4.64 - 3.23 - 0.00 - 1.09 -	0.00       -       0.06         3.96       -       1.11         0.00       -       0.03         26.64       -       32.19         14.75       -       21.27         0.00       -       0.05         3.61       -       3.75         0.41       -       0.24         4.64       -       1.28         3.23       -       5.60         0.00       -       0.00         1.09       -       0.84         3.22       -       7.18	0.00 - 0.06 [ 3.96 - 1.11	0.00       -       0.06       []         3.96       -       1.11	0.00       -       0.06       []         3.96       -       1.11       []         0.00       -       0.03       []         26.64       -       32.19         14.75       -       21.27         0.00       -       0.05       []         3.61       -       3.75       []         0.41       -       0.24       []         4.64       -       1.28       []         3.23       -       5.60       []         0.00       -       0.00       []         1.09       -       0.84       []         3.22       -       7.18       []         0.00       -       2.41       []	0.00 - 0.06   3.96 - 1.11	0.00 - 0.06 [] 3.96 - 1.11	0.00 - 0.06 [] 3.96 - 1.11 [] 0.00 - 0.03 []  26.64 - 32.19  14.75 - 21.27  0.00 - 0.05 [] 3.61 - 3.75 [] 0.41 - 0.24 [] 4.64 - 1.28 [] 3.23 - 5.60 [] 0.00 - 0.00 []  1.09 - 0.84 [] 3.22 - 7.18 []	0.00 - 0.06 [] 3.96 - 1.11	0.00 - 0.06 [] 3.96 - 1.11

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
United States Treasury Bonds 2.5%	02-2045	4.24	4.24	_
United States Treasury Notes 0.38%	07-2024	3.69	7.92	_
→ United States Treasury Bonds 2.88%	05-2043	3.60	11.52	_
	11-2025	3.13	14.66	_
⇒ First American Government Obligs U	02-2030	3.01	17.66	-
	11-2026	2.98	20.65	_
→ United States Treasury Notes 2.25%	11-2027	2.74	23.38	_
⊕ United States Treasury Bonds 1.38%	11-2040	2.12	25.50	_
	05-2024	2.09	27.59	_
⊕ United States Treasury Notes 1.13%	08-2028	1.66	29.26	_

Total Holdings 1520

⊕ Increase ⊕ Decrease ※ New to Portfolio



## **BlackRock Global Allocation Instl** MALOX

Morningstar Category
World 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 World 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 years.

Net Expense: The fund's expense ratio of 0.82 is 29.31% lower than the World Allocation category average.

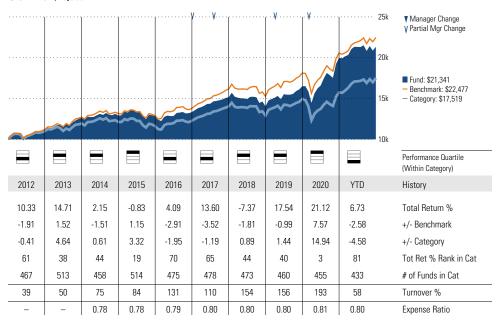
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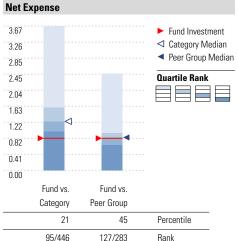
## **ESG Metrics**

Metric	Rating	Updated		
Sustainability Rating	3	11-30-2021		
Carbon Risk Score	Low Risk	09-30-2021		

## Growth of \$10,000







3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.58	_	-3.02
Beta	1.04	_	1.11
R-Squared	97.61	-	89.93
Standard Deviation	11.71	11.10	13.00
Sharpe Ratio	1.18	1.14	0.87
Tracking Error	1.87	-	4.46
Information Ratio	0.66	-	-0.45
Up Capture Ratio	102.57	-	100.40
Down Capture Ratio	94.30	-	120.36

nd Bmark	Cat
19.12	19.91
38 2.72	2.62
73 8.46	4.36
	38 2.72

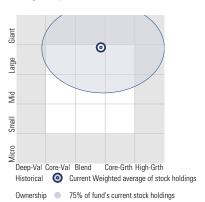


## **BlackRock Global Allocation Instl** MALOX

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

## Style Analysis as of 12-31-2021

Morningstar Style Box™

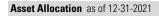


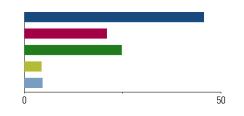
## Style Breakdown

Equity				Fixed Ir	icome		Qualit
17	35	31	Large				High
2	8	4	Mid				Mid
1	1	0	Small				Low
Value	Blend	Growth		Ltd Duratio	Mod n	Ext	

Weight %

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	4.53	11.60
Cash	4.28	9.96
Bonds	24.68	22.67
Non-US Stocks	20.90	23.09
US Stocks	45.60	32.67
Asset Class	Net %	Cat%

	Fund	Bmark	Cat	Fund	▼ Ber	nchmark	: [] Ca	ategory	Averaç	ge _	
⊌ Cyclical	33.33	35.62	38.44							- "	
Basic Materials	4.80	4.91	5.84		]						
Consumer Cyclical	14.73	12.02	10.10								
Financial Services	12.30	14.99	12.66								
Real Estate	1.50	3.70	9.84	• '							
✓ Sensitive	46.09	43.42	40.70								1
Communication Services	9.83	8.04	6.83								
Energy	4.80	3.47	5.99		] [						
Industrials	10.13	10.88	11.30								
Technology	21.33	21.03	16.58								
→ Defensive	20.58	20.98	20.85								
Consumer Defensive	3.39	6.65	5.73		l' .						
Healthcare	14.52	11.59	10.52								
Utilities	2.67	2.74	4.60								

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ BlackRock Liquidity T-Fund Instl	_	3.88	3.88	_	_
⊕ Umbs 30Yr Tba(Reg A)	-	2.93	6.81	_	_
	-	2.48	9.29	52.24	Technology
	-	1.87	11.16	65.17	Communication Svc
Apple Inc	_	1.68	12.84	34.48	Technology
⊕ Amazon.com Inc	_	1.21	14.05	2.38	Consumer Cyclical
→ UnitedHealth Group Inc	-	1.09	15.13	44.79	Healthcare
China (People's Republic Of) 2.68%	05-2030	0.93	16.06	_	_
∋ Johnson & Johnson	-	0.88	16.95	11.36	Healthcare
Bank of America Corp	_	0.85	17.79	49.36	Financial Services

## Total Holdings 2665

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## **BlackRock Inflation Protected Bond Instl** BPRIX

Morningstar Category Inflation-Protected Bond Morningstar Index

BBgBarc US Treasury US TIPS TR USD

## Portfolio Manager(s)

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

### Quantitative Screens

❷ 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 4.88 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.44 is 27.87% lower than the Inflation-Protected Bond category average.

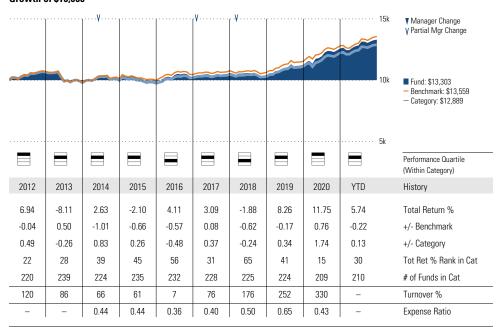
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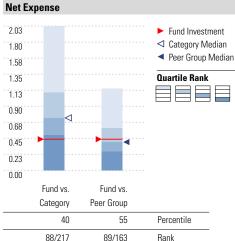
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	11-30-2021

## Growth of \$10,000







3-Year RISK Wietrics			
	Fund	Bmark	Cat
Alpha	-0.05	-	-0.07
Beta	1.02	-	0.90
R-Squared	96.46	-	76.48
Standard Deviation	4.05	3.90	4.22
Sharpe Ratio	1.85	1.90	1.65
Tracking Error	0.77	-	2.21
Information Ratio	0.15	-	-0.60
Up Capture Ratio	101.44	-	90.34
Down Capture Ratio	101.80	-	95.16

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.91	4.52	6.06
Avg Eff Maturity	8.72	_	7.06

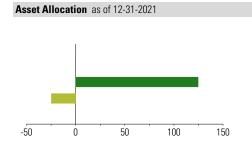


## **BlackRock Inflation Protected Bond Instl** BPRIX

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

Style Analysis as of 12-31-2021





Total	100.00	100.00
Other	0.00	0.67
Cash	-24.68	0.24
Bonds	124.56	99.03
Non-US Stocks	0.00	0.00
US Stocks	0.11	0.05
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	92.52	0.00	89.25
AA	0.12	99.60	6.41
A	5.28	0.00	1.27
BBB	0.78	0.00	1.83
BB	0.15	0.00	0.28
В	0.00	0.00	0.10
Below B	0.00	0.00	0.06
Not Rated	1.15	0.40	0.80

Sector Weighting as of 12-3	1-2021					
	Fund	Bmark	Cat	Fund	▼ Benchmark	Category Average
Government	95.96	-	89.35			
Treasury	7.16	_	1.05			
Inflation - Protected	88.80	_	84.05			<u> </u>
Agency/Quasi Agency	0.00	-	0.06	0 i i		
Other Government Related	0.00	_	4.19	1 0		
Corporate	0.33	-	3.01	1 []		
Corporate Bond	0.33	_	2.75	10		
Bank Loan	0.00	-	0.17			
Convertible	0.00	_	0.09			
Preferred	0.00	_	0.00	İ		
Securitized	2.11	-	4.41			
Agency MBS Pass-Through	0.00	-	0.72	0		
Agency MBS ARM	0.00	_	0.00			
Agency MBS CMO	0.00	_	0.36			
Non-Agency Residential MBS	0.00	_	0.20			
Commercial MBS	0.53	_	0.81	0		
Asset-Backed	1.58	_	2.24			
Covered Bond	0.00	_	0.08	Ó		
Municipal	0.00	-	0.02	0		
Cash & Equivalents	1.56	-	2.90			
Other	0.03	_	0.29			

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

<b>Top 10 Holdings</b> as of 12-31-2021				
Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Rrp Treasury (Cpi) Note	-	21.84	21.84	_
⊕ United States Treasury Notes 0.125%	01-2023	17.71	39.55	_
⊕ United States Treasury Notes 0.125%	10-2026	5.45	45.00	_
⊕ Rrp Treasury Note	_	4.83	49.83	_
⊕ United States Treasury Notes 0.125%	01-2030	4.05	53.88	-
☐ United States Treasury Notes 0.125%	07-2031	3.59	57.47	_
⊕ United States Treasury Notes 0.375%	07-2023	3.54	61.02	-
─ United States Treasury Notes 0.625%	01-2024	3.45	64.47	-
	07-2025	3.21	67.68	_
⊕ United States Treasury Notes 0.125%	07-2030	3.17	70.85	_

Total Holdings 201

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Federated Hermes Govt Ultrashort IS FGUSX

Morningstar Category
Ultrashort Bond

Morningstar Index

## BBgBarc 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 24.49 years.

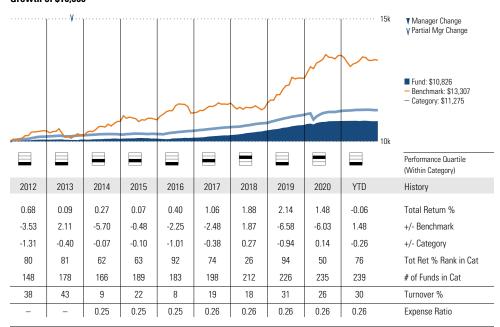
Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.26 is 40.91% lower than the Ultrashort Bond category average.

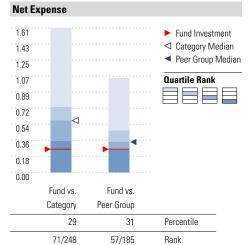
## **Morningstar Investment Management LLC Analysis**

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 Metrics			
	Fund	Bmark	Cat
Alpha	0.80	_	0.69
Beta	0.08	_	0.18
R-Squared	25.93	_	15.42
Standard Deviation	0.54	3.40	1.81
Sharpe Ratio	0.67	1.18	0.41
Tracking Error	3.16	-	3.44
Information Ratio	-1.14	-	-0.99
Up Capture Ratio	14.54	_	26.44
Down Capture Ratio	-5.40	-	16.05

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	0.40	4.43	0.59
Avg Eff Maturity	3.08	_	2.49



## Federated Hermes Govt Ultrashort IS FGUSX

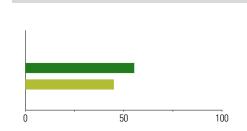
Morningstar CategoryMorningstar CategoryUltrashort BondBBgBa

Morningstar Index BBgBarc US Agg Bond TR USD

Style Analysis as of 12-31-2021 Style Breakdown

Duration





Asset Allocation as of 12-31-2021

Total	100.00	100.00
Other	0.00	4.50
Cash	44.81	24.31
Bonds	55.19	71.19
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.00
Asset Class	Net %	Cat%

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	42.54
AA	0.00	74.59	5.49
A	0.00	10.82	15.78
BBB	0.00	8.32	21.73
BB	0.00	0.28	1.74
В	0.00	0.00	1.81
Below B	0.00	0.00	0.46
Not Rated	0.00	2.46	10.45

Sector Weighting as of 12-				0
	Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Government	13.74	-	11.14	
Treasury	3.92	_	6.21	
Inflation – Protected	0.00	_	0.04	i i i i i i i i i i i i i i i i i i i
Agency/Quasi Agency	9.82	_	1.36	
Other Government Related	0.00	_	3.53	
Corporate	0.00	-	36.19	
Corporate Bond	0.00	_	31.49	
Bank Loan	0.00	_	0.66	
Convertible	0.00	-	4.04	
Preferred	0.00	_	0.00	
Securitized	41.44	-	25.82	
Agency MBS Pass-Through	1.67	-	1.21	in 1
Agency MBS ARM	0.14	_	0.77	10
Agency MBS CMO	39.63	-	3.33	
Non-Agency Residential MBS	0.00	_	0.55	
Commercial MBS	0.00	_	2.43	
Asset-Backed	0.00	_	17.53	
Covered Bond	0.00	_	0.00	
Municipal	0.00	_	1.11	
Cash & Equivalents	44.81	_	25.04	
Other	0.00	-	0.57	
				0% 5 10 15 20 25 30 35 40 45

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
⊕ Hsbc Repo 2 Repo	01-2022	22.91	22.91	_
⊕ Novasc Repo 1 Repo	01-2022	21.25	44.15	_
Federal Home Loan Banks 0.4%	06-2024	4.19	48.35	_
→ Federal National Mortgage Association 0.60188%	08-2059	2.48	50.83	_
→ Federal Home Loan Mortgage Corporation 0.55188%	09-2049	2.10	52.93	_
○ Federal National Mortgage Association 0.55188%	06-2050	2.00	54.92	_
	01-2050	1.73	56.65	_
⊖ Government National Mortgage Association 2.26188%	03-2067	1.66	58.32	_
	02-2065	1.64	59.96	_
⇒ Federal Home Loan Mortgage Corporation 0.444%	08-2030	1.57	61.53	_

Total Holdings 221

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## T. Rowe Price Dividend Growth PRDGX

# Morningstar Category Large Blend

Morningstar Index

## Blend S&P 500 TR USD

## Portfolio Manager(s)

Thomas Huber since 03-2000

### **Quantitative Screens**

- Performance: The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence
- Management: The fund's management has been in place for 21.77 years.
- Net Expense: The fund's expense ratio of 0.63 is
   22.22% lower than the Large Blend category average.

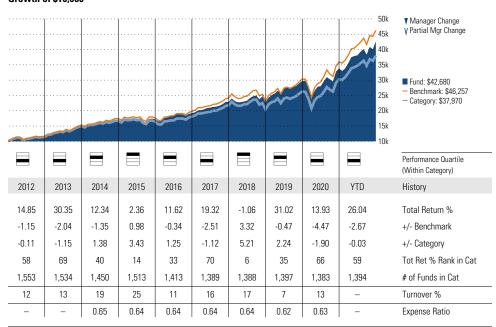
## **Morningstar Investment Management LLC Analysis**

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

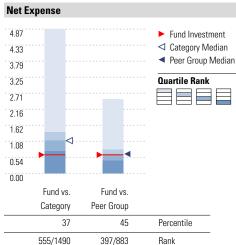
### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	0.56	_	-1.70
Beta	0.88	_	0.97
R-Squared	94.60	_	95.10
Standard Deviation	15.78	17.41	17.41
Sharpe Ratio	1.37	1.38	1.25
Tracking Error	4.21	_	3.76
Information Ratio	-0.62	_	-1.29
Up Capture Ratio	89.61	_	93.94
Down Capture Ratio	88.20	-	100.53

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	27.18	25.15	25.73
Price/Book Ratio	5.03	4.59	5.74
Geom Avg Mkt Cap \$B	155.85	230.65	305.14
ROE	33.09	32.75	38.00

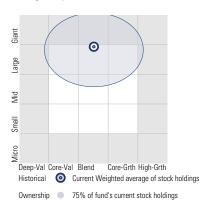


## T. Rowe Price Dividend Growth PRDGX

# Morningstar CategoryMorningstar Index■ Large BlendS&P 500 TR USD

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Style Breakdown

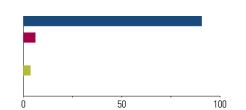
Equity

19	46	21	Large
2	10	2	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10



Asset Allocation as of 12-31-2021

Total	100.00	100.00
Other	0.00	1.47
Cash	3.47	0.14
Bonds	0.00	0.81
Non-US Stocks	5.93	2.90
US Stocks	90.59	94.69
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	4	▼ Ben	chmark	∏ Ca	teann	Avera	an			
ղ,	Cyclical	31.60	30.24	30.60	Tuni		Dell	Lilliain	00	itegory	Averag	:			
	Basic Materials				,										
		3.13	2.27	2.74				,							
A	Consumer Cyclical	8.88	12.29	11.31											
<del>(</del>	Financial Services	16.06	12.91	14.10											
<b>fi</b>	Real Estate	3.53	2.77	2.45											
W	Sensitive	38.40	47.59	46.81											]
	Communication Services	2.22	10.16	9.79											
ð	Energy	1.22	2.67	2.39											
Ф	Industrials	14.08	8.13	9.86											
	Technology	20.88	26.63	24.77											
<b>→</b>	Defensive	30.01	22.18	22.60											
Ħ	Consumer Defensive	8.57	6.30	6.60											
+	Healthcare	17.20	13.38	13.78											
•	Utilities	4.24	2.50	2.22											
					0%	5	10	15	20	25	30	35	40	45	50

<b>Top 15 Holdings</b> as of 12-31-2021				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Microsoft Corp	6.52	6.52	52.24	Technology
⊕ Apple Inc	4.11	10.63	34.48	Technology
⊕ T. Rowe Price Gov. Reserve	3.46	14.10	_	-
⊕ Danaher Corp	2.64	16.73	48.49	Healthcare
⊕ UnitedHealth Group Inc	2.46	19.19	44.79	Healthcare
⊕ Accenture PLC Class A	2.30	21.50	60.09	Technology
Thermo Fisher Scientific Inc	1.87	23.37	43.48	Healthcare
⊕ Marsh & McLennan Companies Inc	1.85	25.22	50.27	Financial Services
⊕ JPMorgan Chase & Co	1.81	27.03	27.53	Financial Services
⊖ Visa Inc Class A	1.79	28.81	-0.31	Financial Services
⊕ Chubb Ltd	1.43	30.24	27.66	Financial Services
⊕ Roper Technologies Inc	1.42	31.66	14.62	Industrials
The Home Depot Inc     The Home Depot Inc	1.40	33.06	58.73	Consumer Cyclical
€ Equity Residential	1.38	34.44	56.73	Real Estate
⊕ Charles Schwab Corp	1.35	35.79	59.92	Financial Services

**Total Holdings** 101

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Vanguard 500 Index Admiral VFIAX

Morningstar Category
Large Blend

Morningstar Index S&P 500 TR USD

## Portfolio Manager(s)

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

### Quantitative Screens

- Performance: The fund has finished in the Large Blend category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 5.68 years.
- Net Expense: The fund's expense ratio of 0.04 is 95.06% lower than the Large Blend category average.

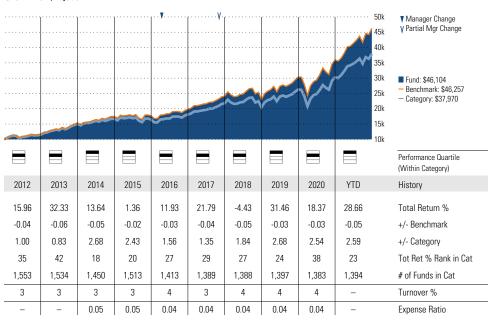
## **Morningstar Investment Management LLC Analysis**

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.

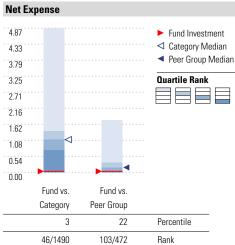
### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	-0.03	_	-1.70
Beta	1.00	_	0.97
R-Squared	100.00	_	95.10
Standard Deviation	17.42	17.41	17.41
Sharpe Ratio	1.38	1.38	1.25
Tracking Error	0.01	_	3.76
Information Ratio	-3.26	_	-1.29
Up Capture Ratio	99.96	_	93.94
Down Capture Ratio	100.07	_	100.53

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	25.16	25.15	25.73
Price/Book Ratio	4.60	4.59	5.74
Geom Avg Mkt Cap \$B	230.90	230.65	305.14
ROE	32.76	32.75	38.00



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

Style Analysis as of 12-31-2021



## Style Breakdown

Equity

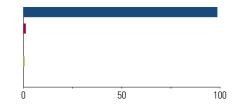
			-
20	31	33	Large
6	8	3	Mid
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.00	1.47
Cash	0.47	0.14
Bonds	0.00	0.81
Non-US Stocks	1.02	2.90
US Stocks	98.51	94.69
Asset Class	Net %	Cat%

Morningstar Index

S&P 500 TR USD

**Morningstar Category** 

Large Blend

		Fund	Bmark	Cat	Fund	▼ E	Benchmark	Ca	tegory	Averaç	ge	
b	Cyclical	30.22	30.24	30.60								
	Basic Materials	2.27	2.27	2.74								
-	Consumer Cyclical	12.30	12.29	11.31								
P	Financial Services	12.88	12.91	14.10								
b	Real Estate	2.77	2.77	2.45								
NI	Sensitive	47.62	47.59	46.81								
	Communication Services	10.16	10.16	9.79	_							
•	Energy	2.67	2.67	2.39		_						
\$	Industrials	8.14	8.13	9.86								
2	Technology	26.65	26.63	24.77								
+	Defensive	22.16	22.18	22.60		_						
=	Consumer Defensive	6.30	6.30	6.60			_					
ř	Healthcare	13.38	13.38	13.78	_							
?	Utilities	2.48	2.50	2.22								

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	6.83	6.83	34.48	Technology
	6.23	13.06	52.24	Technology
Amazon.com Inc	3.59	16.65	2.38	Consumer Cyclical
	2.15	18.80	65.30	Communication Svc
	2.12	20.92	49.76	Consumer Cyclical
	2.00	22.92	65.17	Communication Svc
	1.96	24.88	23.13	Communication Svc
→ NVIDIA Corp	1.81	26.70	125.41	Technology
⊖ Berkshire Hathaway Inc Class B	1.35	28.05	28.95	Financial Services
─ UnitedHealth Group Inc	1.17	29.22	44.79	Healthcare
	1.15	30.37	27.53	Financial Services
→ Johnson & Johnson	1.11	31.48	11.36	Healthcare
The Home Depot Inc	1.08	32.57	58.73	Consumer Cyclical
	0.98	33.54	20.01	Consumer Defensive
O Visa Inc Class A	0.89	34.43	-0.31	Financial Services

Total Holdings 510

⊕ Increase ⊕ Decrease 🕸 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 23.63 years.

Style: The fund has landed in its primary style box — Mid-Cap Blend — 94.29 % of the time over the past three

Net Expense: The fund's expense ratio of 0.05 is 94.62% lower than the Mid-Cap Blend category average.

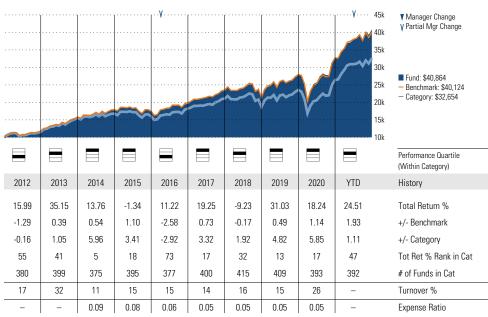
## **Morningstar Investment Management LLC Analysis**

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
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	4	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2021 Fund Benchmark Category 10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 7.97 24.51 24.48 15.86 15.12 11.19 6.44 22.58 23.29 15.10 14.91 13.51 Benchmark Return % 23 40 20 74 12 67 13 13 7 39 Category Average % 42 47 11 6 9 % Rank in Category 409 392 361 314 207 # of Funds in Category

	- 1		
Net Expe	ense		
6.08 5.40			► Fund Investment <ul> <li>Category Median</li> </ul>
4.73			<ul> <li>Peer Group Median</li> </ul>
4.05			Quartile Rank
3.38			
2.70			
2.03			
1.35	<b>□</b>		
0.68			
0.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	3	27	Percentile
	13/411	45/168	Rank

3- Tear hisk Wietrics			
	Fund	Bmark	Cat
Alpha	1.52	_	-1.58
Beta	0.97	_	0.99
R-Squared	99.60	_	94.00
Standard Deviation	20.29	20.84	21.38
Sharpe Ratio	1.15	1.08	0.98
Tracking Error	1.41	_	5.33
Information Ratio	0.85	_	-0.53
Up Capture Ratio	99.92	_	96.62
Down Capture Ratio	94.26	_	103.34

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	23.14	20.76	18.71
Price/Book Ratio	3.56	3.34	3.07
Geom Avg Mkt Cap \$B	27.29	20.82	12.32
ROE	15.90	16.99	19.23



# Vanguard Mid Cap Index Admiral VIMAX

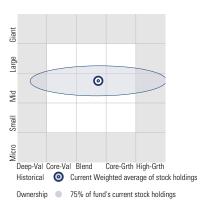
# Morningstar Category Mid-Cap Blend

Morningstar Index

Russell Mid Cap TR USD

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Style Breakdown

Equity

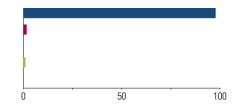
-quit,			
2	7	9	Large
22	35	25	MIG
0	0	0	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.00	0.38
Cash	0.90	1.64
Bonds	0.00	-0.16
Non-US Stocks	1.46	2.06
US Stocks	97.64	96.07
Asset Class	Net %	Cat%

	ctor Weighting as of 12-3			_				п -					
		Fund	Bmark	Cat	Fund	▼ Bench	nmark	[] Categ	jory Ave	rage		,	
<u></u>	Cyclical	35.40	38.25	41.90	_								
A	Basic Materials	3.93	4.20	5.03	<b>'</b>								
A	Consumer Cyclical	10.92	13.10	14.58									
æ	Financial Services	11.06	12.16	13.95			1						
命	Real Estate	9.49	8.79	8.34									_
W	Sensitive	43.74	42.27	40.19									
	Communication Services	4.42	3.81	3.41									
•	Energy	3.84	3.88	2.91									
Ф	Industrials	12.37	14.68	15.66		1	[	1					
	Technology	23.11	19.90	18.21									
<b>→</b>	Defensive	20.87	19.46	17.90									
Ħ	Consumer Defensive	3.38	3.80	4.04									
+	Healthcare	12.25	11.03	10.92									
•	Utilities	5.24	4.63	2.94									
					0% 5	5 10	15	20	25	30	35	40	

<b>Top 15 Holdings</b> as of 12-31-2021				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Synopsys Inc     Synopsys Inc	0.75	0.75	42.15	Technology
☐ IQVIA Holdings Inc	0.72	1.47	57.47	Healthcare
	0.70	2.17	49.82	Technology
⊕ Amphenol Corp Class A	0.70	2.86	34.95	Technology
→ DexCom Inc	0.69	3.55	45.23	Healthcare
Cadence Design Systems Inc	0.69	4.24	36.59	Technology
Palo Alto Networks Inc	0.68	4.93	56.66	Technology
∋ Digital Realty Trust Inc	0.67	5.59	30.11	Real Estate
→ Fortinet Inc	0.66	6.26	141.97	Technology
⊕ Microchip Technology Inc	0.64	6.90	27.31	Technology
○ Centene Corp	0.64	7.54	37.26	Healthcare
→ MSCI Inc	0.64	8.18	38.03	Financial Services
∋ IHS Markit Ltd	0.64	8.82	48.86	Industrials
Carrier Global Corp Ordinary Shares	0.63	9.44	45.15	Industrials
Motorola Solutions Inc	0.61	10.05	61.48	Technology

## **Total Holdings 377**

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Vanguard Small Cap Index Adm VSMAX

Morningstar Category

Small Blend

**Morningstar Index** Russell 2000 TR USD

## Portfolio Manager(s)

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

## **Quantitative Screens**

Performance: The fund has finished in the Small 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 5.68 years.

× Style: The fund has landed in its primary style box — Small Blend — 40 % of the time over the past three years.

Net Expense: The fund's expense ratio of 0.05 is 95.1% lower than the Small Blend category average.

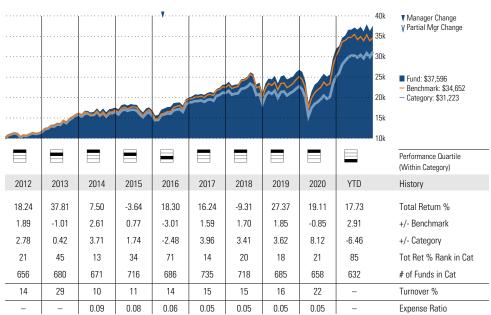
## **Morningstar Investment Management LLC Analysis**

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

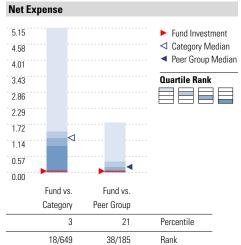
## **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Bating	4	11-30-2021

## Growth of \$10,000







3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.89	_	0.21
Beta	0.96	_	0.97
R-Squared	97.42	_	94.06
Standard Deviation	22.92	23.68	23.80
Sharpe Ratio	0.93	0.86	0.84
Tracking Error	3.83	_	5.65
Information Ratio	0.34	_	-0.24
Up Capture Ratio	97.61	_	98.47
Down Capture Ratio	91.10	-	99.14

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.41	16.51	18.35
Price/Book Ratio	2.66	2.42	2.71
Geom Avg Mkt Cap \$B	5.99	2.72	5.01
ROE	13.25	8.22	17.72



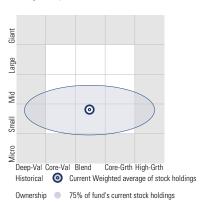
# Vanguard Small Cap Index Adm VSMAX

# Morningstar Category ☐ Small Blend Russ

**Morningstar Index** Russell 2000 TR USD

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Style Breakdown

Equity

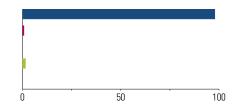
-quit,			
0	0	0	Large
9	17	12	Mid
21	26	14	Small

Value Blend Growth

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.00	0.20
Cash	1.47	1.22
Bonds	0.00	0.28
Non-US Stocks	0.69	2.07
US Stocks	97.84	96.24
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2021				
		Fund	Bmark	Cat	Fund • Benchmark [] Category Average	
<sub>Մ</sub>	Cyclical	41.54	37.94	40.26	[mail: mail:	
A	Basic Materials	4.36	3.66	4.25		
<b>A</b>	Consumer Cyclical	12.87	10.79	12.31		
÷	Financial Services	14.05	14.74	16.48		
fil.	Real Estate	10.26	8.75	7.22		
W	Sensitive	39.87	37.49	39.55		
	Communication Services	2.48	3.52	3.15		
ð	Energy	3.90	4.22	3.68		
Ф	Industrials	17.08	14.89	17.89		
	Technology	16.41	14.86	14.83		
<b>→</b>	Defensive	18.60	24.57	20.19		
	Consumer Defensive	3.84	3.88	4.08		
+	Healthcare	12.17	17.94	13.79		
•	Utilities	2.59	2.75	2.32		
					0% 5 10 15 20 25 30 35 40	4

<b>Top 15 Holdings</b> as of 12-31-2021				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	0.95	0.95	_	_
	0.53	1.48	_	_
⊕ Bio-Techne Corp	0.36	1.84	63.32	Healthcare
⊕ Diamondback Energy Inc	0.35	2.19	126.45	Energy
◆ VICI Properties Inc Ordinary Shares	0.34	2.53	23.49	Real Estate
⊕ Entegris Inc	0.33	2.86	44.54	Technology
Molina Healthcare Inc	0.33	3.19	49.56	Healthcare
⊕ IDEX Corp	0.32	3.51	19.70	Industrials
	0.32	3.83	25.47	Technology
⊕ Brown & Brown Inc	0.30	4.13	49.04	Financial Services
⇒ Builders FirstSource Inc	0.29	4.42	110.02	Industrials
⇒ Signature Bank	0.29	4.71	140.75	Financial Services
	0.29	5.00	59.46	Industrials
⊕ Trex Co Inc	0.28	5.28	61.29	Industrials
⊕ Coterra Energy Inc Ordinary Shares	0.28	5.55	23.59	Energy

## Total Holdings 1564

⊕ Increase ⊝ Decrease 🕸 New to Portfolio



## Vanguard Target Retirement 2015 Fund VTXVX

**Morningstar Category** Target-Date 2015

Morningstar Index Morningstar Lifetime Mod 2015 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 2015 category's top three quartiles in 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 8.86 years.

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

Net Expense: The fund's expense ratio of 0.12 is 79.66% lower than the Target-Date 2015 category average.

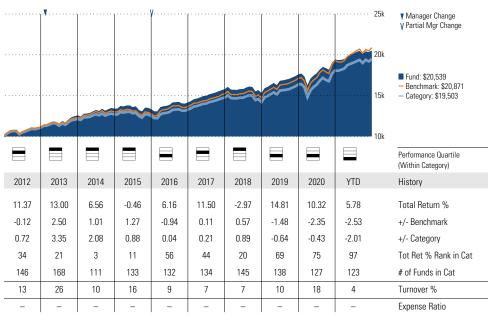
## **Morningstar Investment Management LLC Analysis**

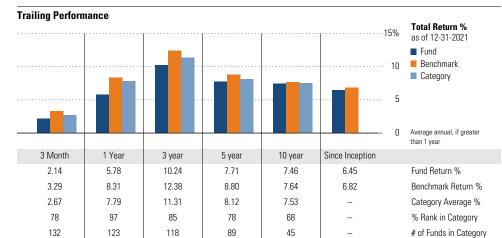
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

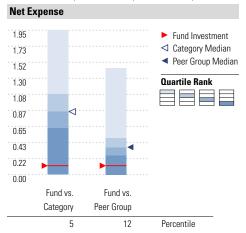
### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021

## Growth of \$10,000







	7/131	26/222	Rank
Peer group	is a subset of the	e category and in	ncludes funds with the
same mana	igement style (ac	tive vs. passive)	and similar share class
characteris	tice		

Rank

3-Year hisk Wetrics			
	Fund	Bmark	Cat
Alpha	0.25	_	-0.79
Beta	0.81	_	0.97
R-Squared	98.43	_	96.08
Standard Deviation	6.82	8.35	8.30
Sharpe Ratio	1.35	1.34	1.22
Tracking Error	1.80	_	1.79
Information Ratio	-1.18	_	-0.66
Up Capture Ratio	81.39	_	92.30
Down Capture Ratio	77.84	_	95.84

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.09	19.62	19.64
Price/Book Ratio	2.71	2.77	2.83
Avg Eff Duration	6.25	7.78	5.27



# Vanguard Target Retirement 2015 Fund VTXVX

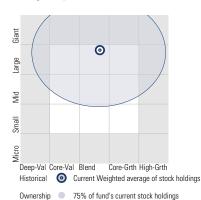
Quality High MidLow

## **Morningstar Category** Target-Date 2015

**Morningstar Index** Morningstar Lifetime Mod 2015 TR USD

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Style Breakdown

Equity

19	29	27	Large		
6	8	5	Mid		
2	3	2	Small		
Value	Blend	Growth		Ltd	Mod

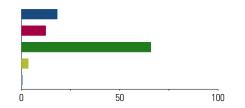
Fixed Income

Duration

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.50	4.40
Cash	3.36	6.35
Bonds	65.78	50.16
Non-US Stocks	12.25	14.78
US Stocks	18.11	24.31
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund	1 1	Bench	mark	Categ	iory Ave	erage			
<u>.</u>	Cyclical	35.67	38.92	35.70			2011011		_ oatog	,0.,7	ago		7 :	
A	Basic Materials	4.69	4.38	4.71										
Д	Consumer Cyclical	12.32	10.23	11.33			<u> </u>							
<del>,</del>	Financial Services	15.03	14.49	16.00										
ŵ	Real Estate	3.63	9.82	3.66										
W	Sensitive	43.92	38.76	42.89										
	Communication Services	8.32	5.75	8.96		. 1								
•	Energy	3.53	3.54	3.74										
<b>O</b>	Industrials	10.67	11.05	10.48										
	Technology	21.40	18.42	19.71						_				
<b>→</b>	Defensive	20.42	22.32	21.41										
Ħ	Consumer Defensive	6.31	6.72	6.08				_						
+	Healthcare	11.53	12.54	12.44										
•	Utilities	2.58	3.06	2.89										
					0%	5	10	15	20	25	30	35	40	4

<b>Top 8 Holdings</b> as of 12-31-2021					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Sunguard Total Bond Market II Idx Inv	_	36.03	36.03	_	_
⇒ Vanguard Total Stock Mkt Idx Inv	-	18.29	54.32	_	_
◆ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	16.17	70.49	_	_
◆ Vanguard Total Intl Bd Idx Investor	-	15.77	86.25	_	_
⇒ Vanguard Total Intl Stock Index Inv	-	12.56	98.81	-	-
⊕ Mktliq 12/31/2049	_	0.91	99.72	_	_
⊕ Vanguard Total Intl Bd II ldx Investor	_	0.28	99.99	_	_
⊕ Us Dollar	_	0.01	100.00	_	_

## Total Holdings 8

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## 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 8.86 years.

Net Expense: The fund's expense ratio of 0.13 is 79.37% 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.

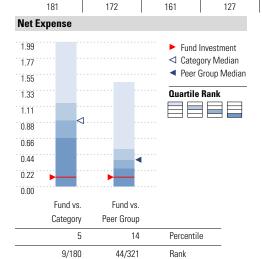
### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021

## Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2021 Fund Benchmark Category Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception Fund Return % 2.91 8.17 12.55 9.26 8.71 6.93 3.61 9.04 13.31 9.47 8.38 7.04 Benchmark Return % 2 88 8 11 8 45 12 11 8.70 Category Average % 48 49 37 32 % Rank in Category 65 # 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	-0.28	_	-0.60
Beta	0.97	_	0.95
R-Squared	98.28	_	96.07
Standard Deviation	9.04	9.27	8.94
Sharpe Ratio	1.26	1.31	1.21
Tracking Error	1.22	_	2.00
Information Ratio	-0.62	_	-0.72
Up Capture Ratio	95.00	_	91.08
Down Capture Ratio	95.93	-	93.59

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.16	19.42	20.30
Price/Book Ratio	2.72	2.74	2.89
Avg Eff Duration	6.51	8.67	4.93



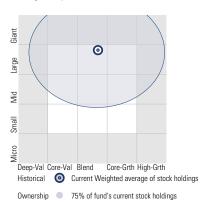
# Vanguard Target Retirement 2020 Fund VTWNX

Quality High MidLow

**Morningstar Index** Morningstar Lifetime Mod 2020 TR USD **Morningstar Category** Target-Date 2020

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Style Breakdown

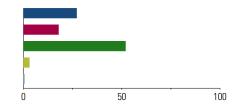
Equity				Fixed	Income	
19	29	27	Large			
6	8 5		Mid			
2	3	2	Small			
Value	Blend	Growth		Ltd	Mod	Ext

Duration

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.42	8.18
Cash	2.95	3.99
Bonds	51.87	46.34
Non-US Stocks	17.78	15.01
US Stocks	26.98	26.50
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2021			
		Fund	Bmark	Cat	Fund • Benchmark
<b>Դ</b>	Cyclical	35.59	38.92	36.87	
A	Basic Materials	4.64	4.48	4.40	
A	Consumer Cyclical	12.33	10.28	11.71	
ı,	Financial Services	14.99	14.61	15.12	
<b>fi</b>	Real Estate	3.63	9.55	5.64	
W	Sensitive	44.01	38.81	42.82	
	Communication Services	8.34	5.75	8.43	· · · · · · · · · · · · · · · · · · ·
ð	Energy	3.50	3.58	3.33	
Ф	Industrials	10.65	11.14	10.50	
	Technology	21.52	18.34	20.56	
<b>→</b>	Defensive	20.42	22.26	20.32	
=	Consumer Defensive	6.30	6.72	5.91	
٠	Healthcare	11.54	12.48	11.88	The state of the s
•	Utilities	2.58	3.06	2.53	<b>=</b>
					0% 5 10 15 20 25 30 35 40

Top 8 Holdings as of 12-31-2021					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Ovanguard Total Bond Market II Idx Inv	_	30.41	30.41	_	_
Ovanguard Total Stock Mkt Idx Inv	-	27.24	57.65	_	_
Ovanguard Total Intl Stock Index Inv	_	18.22	75.87	_	-
	_	13.28	89.14	_	-
⊕ Vanguard Shrt-Term Infl-Prot Sec ldx Inv	-	9.81	98.95	_	_
⊕ Mktliq 12/31/2049	_	0.80	99.75	_	_
	_	0.24	99.99	_	-
⊕ Us Dollar	_	0.01	100.00	_	_

## Total Holdings 8

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## Vanguard Target Retirement 2025 Fund VTTVX

**Morningstar Category** Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

## Portfolio Manager(s)

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

### Quantitative Screens

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

Management: The fund's management has been in place for 8.86 years.

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

Net Expense: The fund's expense ratio of 0.13 is 80.6% lower than the Target-Date 2025 category average.

## **Morningstar Investment Management LLC Analysis**

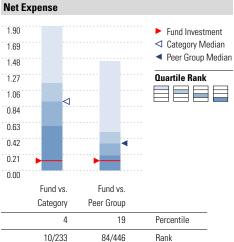
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated		
ESG Commitment	1-Low	12-16-2021		
Sustainability Rating	3	11-30-2021		
Carbon Risk Score	Low Risk	09-30-2021		







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

3-1 cal HISK MICHICS			
	Fund	Bmark	Cat
Alpha	-0.33	_	-0.47
Beta	1.02	_	0.96
R-Squared	98.68	_	97.00
Standard Deviation	10.69	10.45	10.15
Sharpe Ratio	1.22	1.26	1.19
Tracking Error	1.24	_	2.02
Information Ratio	-0.11	_	-0.52
Up Capture Ratio	101.50	_	94.83
Down Capture Ratio	105.52	_	99.16

Portfolio Metrics							
	Fund	Bmark	Cat				
Price/Earnings Ratio	19.17	19.21	20.36				
Price/Book Ratio	2.72	2.70	2.91				
Avg Eff Duration	7.21	9.42	6.67				



10/233

# Vanguard Target Retirement 2025 Fund VTTVX

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

## Style Analysis as of 12-31-2021

Morningstar Style Box™



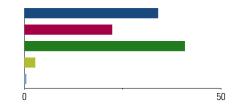
## Style Breakdown

Weight %

Equity					Fixed Ir	ncome		Quali
	19	29	27	Large				High
	6	8	5	Mid				Mid
	2	3	2	Small				Low
	Value	Blend	Growth		Ltd Duratio	Mod	Ext	_

>50 25-50 10-25 0-10





Total	100.00	100.00
Other	0.39	10.93
Cash	2.67	3.69
Bonds	40.74	38.05
Non-US Stocks	22.25	16.49
US Stocks	33.94	30.83
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2021			
		Fund	Bmark	Cat	Fund • Benchmark   Category Average
<b>Դ</b>	Cyclical	35.58	38.86	36.35	
A	Basic Materials	4.64	4.58	4.23	
A	Consumer Cyclical	12.31	10.36	11.70	
<b>P</b>	Financial Services	14.99	14.73	14.93	
侖	Real Estate	3.64	9.19	5.49	
W	Sensitive	43.99	38.89	42.85	
d	Communication Services	8.33	5.78	8.33	
•	Energy	3.50	3.62	3.22	
Ф	Industrials	10.64	11.23	10.42	
	Technology	21.52	18.26	20.88	
<b>→</b>	Defensive	20.44	22.25	20.80	
Ħ	Consumer Defensive	6.30	6.74	6.11	
٠	Healthcare	11.55	12.44	12.02	
•	Utilities	2.59	3.07	2.67	
					0% 5 10 15 20 25 30 35 40

<b>Top 8 Holdings</b> as of 12-31-2021					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Vanguard Total Stock Mkt Idx Inv	_	34.28	34.28	_	_
○ Vanguard Total Bond Market II ldx Inv	_	28.12	62.40	-	_
○ Vanguard Total Intl Stock Index Inv	_	22.80	85.20	_	_
Vanguard Total Intl Bd Idx Investor	_	12.02	97.22	_	_
◆ Vanguard Shrt-Term Infl-Prot Sec Idx Inv	-	1.42	98.63	-	-
⊕ Mktliq 12/31/2049	-	0.83	99.46	_	_
⊕ Vanguard Total Intl Bd II Idx Investor	_	0.49	99.95	-	_
⊕ Us Dollar	_	0.05	100.00	_	_

## Total Holdings 8

⊕ Increase ⊕ Decrease 🕸 New to Portfolio



## 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 8.86 years.
- Net Expense: The fund's expense ratio of 0.14 is 79.71% lower than the Target-Date 2030 category average.

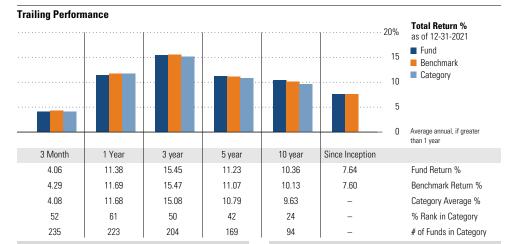
## **Morningstar Investment Management LLC Analysis**

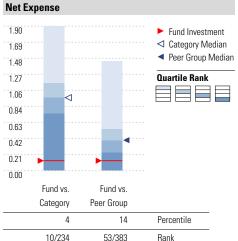
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021







3-Year KISK Wietrics			
	Fund	Bmark	Cat
Alpha	0.14	_	-0.09
Beta	0.99	_	0.97
R-Squared	99.18	_	98.04
Standard Deviation	11.97	12.05	11.82
Sharpe Ratio	1.19	1.19	1.17
Tracking Error	1.09	-	1.88
Information Ratio	-0.02	_	-0.24
Up Capture Ratio	100.36	_	97.95
Down Capture Ratio	101.08	_	100.08

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.17	19.00	20.41
Price/Book Ratio	2.72	2.66	2.97
Avg Eff Duration	7.37	10.06	6.72



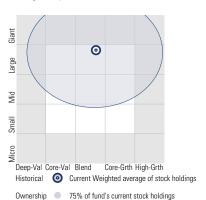
# Vanguard Target Retirement 2030 Fund VTHRX

Quality High Mid

**Morningstar Index** Morningstar Lifetime Mod 2030 TR USD **Morningstar Category** Target-Date 2030

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Style Breakdown

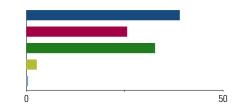
Weight %

Equity				Fixed I	ncome	
19	29	27	Large			
6	8	5	Mid			
2	3	2	Small			
Value	Rlend	Growth		Ltd	Mod	F

Duration

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.33	11.79
Cash	2.54	2.41
Bonds	32.65	29.51
Non-US Stocks	25.54	19.27
US Stocks	38.93	37.02
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund		Benchr	nork	Categ	ιοη <i>ι</i> Λ	rogo			
_					Func	1 '	benchi	IIdik	ll cared	JULY AVE	rage			
<u></u>	Cyclical	35.58	38.72	35.72		·	1		1					
A	Basic Materials	4.64	4.68	4.20										
A	Consumer Cyclical	12.32	10.45	11.90				<u>.</u>						
<del>,</del>	Financial Services	14.98	14.87	15.21			_							
ıπ	Real Estate	3.64	8.72	4.41		■[	•							
W	Sensitive	43.99	39.01	43.49										
d	Communication Services	8.34	5.80	8.30										
•	Energy	3.50	3.66	3.28		0								
Ф	Industrials	10.63	11.34	10.77										
	Technology	21.52	18.21	21.14										
<b>→</b>	Defensive	20.43	22.26	20.80										
Ħ	Consumer Defensive	6.30	6.77	6.10										
٠	Healthcare	11.55	12.41	12.14										
•	Utilities	2.58	3.08	2.56		7								
					0%	5	10	15	20	25	30	35	40	

<b>Top 7 Holdings</b> as of 12-31-2021					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Vanguard Total Stock Mkt Idx Inv	_	39.32	39.32	-	_
◆ Vanguard Total Intl Stock Index Inv	_	26.17	65.49	_	_
─ Vanguard Total Bond Market II Idx Inv	-	23.21	88.70	_	_
⊕ Vanguard Total Intl Bd Idx Investor	-	10.02	98.72	_	_
⊕ Mktliq 12/31/2049	-	0.82	99.54	_	-
⊕ Vanguard Total Intl Bd II Idx Investor	_	0.43	99.97	_	_
⊕ Us Dollar	_	0.03	100.00	_	_

## Total Holdings 7

igoplus Increase igoplus Decrease igoplus New to Portfolio



## Vanguard Target Retirement 2035 Fund VTTHX

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

Expense Ratio

## Portfolio Manager(s)

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

## **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 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 8.86 years.
- Net Expense: The fund's expense ratio of 0.14 is 80% lower than the Target-Date 2035 category average.

## **Morningstar Investment Management LLC Analysis**

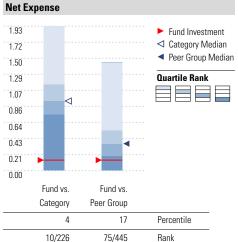
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change ■ Fund: \$28,651 Benchmark: \$27,962 Category: \$26,654 15k 10k Performance Quartile (Within Category) 2012 2013 2014 2015 2016 2017 2018 2019 2020 YTD History 15.16 22.82 7.24 -1.26 8.26 19.12 -6.58 22.44 14.79 12.96 Total Return % -0.20 0.79 1.44 1.32 -1.81 0.60 0.24 -0.60 1.41 -0.67 +/- Benchmark 2.82 0.50 0.69 0.75 0.52 2.00 0.69 0.46 0.40 -0.80 +/- Category 40 23 10 37 32 35 32 42 43 79 Tot Ret % Rank in Cat 158 187 173 199 224 235 210 215 # of Funds in Cat 201 210 6 12 6 23 14 9 8 7 18 6 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.

3-1 cai hisk Michies			
	Fund	Bmark	Cat
Alpha	0.78	_	0.56
Beta	0.95	_	0.97
R-Squared	99.40	_	98.46
Standard Deviation	13.24	13.88	13.52
Sharpe Ratio	1.17	1.12	1.15
Tracking Error	1.23	_	1.91
Information Ratio	0.05	_	0.14
Up Capture Ratio	97.75	_	98.92
Down Capture Ratio	94.47	_	97.06

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.16	18.79	20.13
Price/Book Ratio	2.72	2.63	2.89
Avg Eff Duration	7.37	10.62	6.71

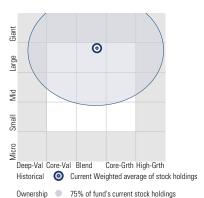


# **Vanguard Target Retirement 2035 Fund** VTTHX

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

## Style Analysis as of 12-31-2021

Morningstar Style Box™

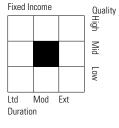


# Style Breakdown

Equity 27 19 29 5 6 8



Value Blend Growth



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



D	50	Total	100.00	100.00
		Other	0.26	10.60
		Cash	2.62	2.35
		Bonds	25.31	19.06
		Non-US Stocks	28.48	24.21
		US Stocks	43.33	43.76
		Asset class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2021											
		Fund	Bmark	Cat	Fund	▼ Ben	chmark	Cate	jory Ave	rage			
<u></u>	Cyclical	35.58	38.60	36.09									
A	Basic Materials	4.64	4.78	4.26	0								
<b>A</b>	Consumer Cyclical	12.32	10.53	11.90			0						
<del>,</del>	Financial Services	14.99	15.03	15.09									
侖	Real Estate	3.63	8.26	4.84									
W	Sensitive	43.99	39.13	43.23									
d	Communication Services	8.34	5.82	8.47									
ð	Energy	3.51	3.70	3.26									
Ф	Industrials	10.63	11.44	10.50			'						
	Technology	21.51	18.17	21.00									
<b>→</b>	Defensive	20.43	22.27	20.68									
Ħ	Consumer Defensive	6.31	6.80	6.08									
+	Healthcare	11.54	12.38	12.02									
•	Utilities	2.58	3.09	2.58									
					0% 5	10	15	20	25	30	35	40	_

<b>Top 7 Holdings</b> as of 12-31-2021					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
○ Vanguard Total Stock Mkt Idx Inv	_	43.75	43.75	-	_
◆ Vanguard Total Intl Stock Index Inv	_	29.19	72.94	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	18.08	91.02	_	_
⊕ Vanguard Total Intl Bd Idx Investor	-	7.76	98.78	_	_
⊕ Mktliq 12/31/2049	-	0.94	99.72	_	-
⊕ Vanguard Total Intl Bd II Idx Investor	_	0.26	99.98	_	_
⊕ Us Dollar	_	0.02	100.00	_	_

## Total Holdings 7

⊕ Increase ⊝ Decrease 🌣 New to Portfolio



## Vanguard Target Retirement 2040 Fund VFORX

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

## 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 8.86 years.
- Net Expense: The fund's expense ratio of 0.14 is 80.28% lower than the Target-Date 2040 category average.

## **Morningstar Investment Management LLC Analysis**

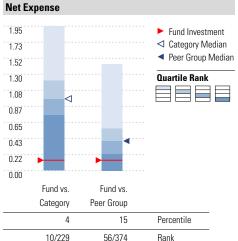
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$30.205 - Benchmark: \$28,996 20k Category: \$27,381 15k 10k Performance Quartile (Within Category) 2012 2013 2014 2015 2016 2017 2018 2019 2020 YTD History 15.56 24.37 7.15 -1.59 8.73 20.71 -7.32 23.86 15.47 14.56 Total Return % -0.15 1.32 1.64 1.24 -1.88 0.84 0.33 -0.49 2.38 -0.79 +/- Benchmark 0.92 4.40 0.40 0.78 0.91 1.90 1.19 0.42 0.67 -0.91 +/- Category 31 15 12 43 27 25 37 43 40 81 Tot Ret % Rank in Cat 208 207 226 243 246 217 # of Funds in Cat 223 236 237 221 3 9 6 21 16 8 8 5 13 7 Turnover % Expense Ratio





3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.30	_	1.11
Beta	0.94	_	0.95
R-Squared	99.36	_	98.53
Standard Deviation	14.51	15.45	14.78
Sharpe Ratio	1.15	1.07	1.14
Tracking Error	1.52	_	2.03
Information Ratio	0.26	_	0.33
Up Capture Ratio	97.40	_	98.47
Down Capture Ratio	92.00	_	94.22

Fund	Bmark	Cat
19.15	18.59	20.08
2.72	2.59	2.88
7.38	11.10	6.67
	19.15 2.72	19.15 18.59 2.72 2.59



# Vanguard Target Retirement 2040 Fund VFORX

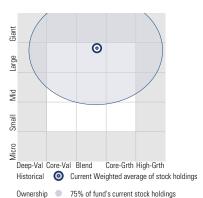
Quality

High

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

## Style Analysis as of 12-31-2021

Morningstar Style Box™





Equity 27 19 29 5 6 8

Large Mid 2 3 2

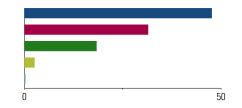
Value Blend Growth

MidLow Mod Ltd Duration

Fixed Income

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

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.19	9.17
Cash	2.51	1.91
Bonds	18.29	12.05
Non-US Stocks	31.41	27.65
US Stocks	47.60	49.22
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2021			
		Fund	Bmark	Cat	Fund • Benchmark   Category Average
<u></u>	Cyclical	35.61	38.59	36.24	
A	Basic Materials	4.65	4.88	4.30	
A	Consumer Cyclical	12.33	10.60	11.91	
æ	Financial Services	14.99	15.14	15.20	
侖	Real Estate	3.64	7.97	4.83	
W	Sensitive	43.97	39.18	43.16	
	Communication Services	8.33	5.82	8.43	, T
•	Energy	3.50	3.74	3.26	
Ф	Industrials	10.64	11.52	10.63	
	Technology	21.50	18.10	20.84	
<b>→</b>	Defensive	20.43	22.23	20.59	
Ħ	Consumer Defensive	6.31	6.82	5.97	
+	Healthcare	11.54	12.31	12.04	
•	Utilities	2.58	3.10	2.58	
					0% 5 10 15 20 25 30 35 40 4

<b>Top 7 Holdings</b> as of 12-31-2021					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Sunguard Total Stock Mkt Idx Inv	_	48.07	48.07	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	32.19	80.25	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	12.95	93.20	_	_
⊕ Vanguard Total Intl Bd Idx Investor	-	5.87	99.07	_	-
	-	0.89	99.96	_	_
⊕ Vanguard Total Intl Bd II ldx Investor	_	0.04	100.00	_	_
⊕ Us Dollar	-	0.00	100.00	_	_

## Total Holdings 7

⊕ Increase ⊝ Decrease 🌣 New to Portfolio



## Vanguard Target Retirement 2045 Fund VTIVX

43

149

7

26

186

10

12

173

7

42

200

20

28

198

13

26

209

8

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

Tot Ret % Rank in Cat

# of Funds in Cat

Turnover %

Expense Ratio

## Portfolio Manager(s)

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

## **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 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 8.86 years.
- Net Expense: The fund's expense ratio of 0.15 is 78.87% 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
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$31.156 - Benchmark: \$29,319 20k Category: \$29,043 15k 10k Performance Quartile (Within Category) 2012 2013 2014 2015 2016 2017 2018 2019 2020 YTD History 15.58 24.37 7.16 -1.57 8.87 21.42 -7.90 24.94 16.30 16.16 Total Return % 1.30 -1.97 0.89 0.27 -0.03 3.35 -0.20 -0.26 1.91 1.46 +/- Benchmark 0.30 0.94 1.20 0.27 2.37 1.81 0.91 0.24 0.59 -0.47 +/- Category

43

223

7

43

234

4

36

210

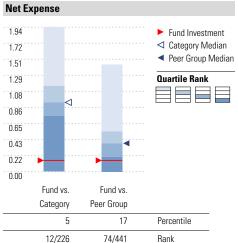
9

68

215

6





3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.57	_	1.42
Beta	0.96	_	0.95
R-Squared	99.26	_	98.55
Standard Deviation	15.74	16.36	15.62
Sharpe Ratio	1.14	1.05	1.13
Tracking Error	1.52	_	2.06
Information Ratio	0.71	_	0.46
Up Capture Ratio	100.21	_	98.96
Down Capture Ratio	94.21	_	93.70

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.16	18.43	20.08
Price/Book Ratio	2.72	2.56	2.85
Avg Eff Duration	7.35	11.53	6.60





# Vanguard Target Retirement 2045 Fund VTIVX

Quality High Mid

## **Morningstar Category** Target-Date 2045

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

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Style Breakdown

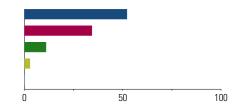
Weight %

Equity				rixeu	income	
19	29	27	Large			I
6	8	5	Mid			
2	3	2	Small			
Value	Blend	Growth		Ltd	Mod	F

Duration

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.13	9.43
Cash	2.70	1.74
Bonds	10.88	6.68
Non-US Stocks	34.23	29.89
US Stocks	52.07	52.24
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2021			
		Fund	Bmark	Cat	Fund • Benchmark   Category Average
<b>Դ</b>	Cyclical	35.58	38.71	36.42	
A.	Basic Materials	4.64	4.97	4.34	
A	Consumer Cyclical	12.32	10.65	11.93	
<del>,</del>	Financial Services	14.98	15.24	15.16	
命	Real Estate	3.64	7.85	4.99	
W	Sensitive	43.98	39.17	43.00	
	Communication Services	8.33	5.83	8.61	, T
•	Energy	3.51	3.77	3.18	
Ф	Industrials	10.63	11.58	10.54	
	Technology	21.51	17.99	20.67	
<b>→</b>	Defensive	20.43	22.13	20.57	
Ħ	Consumer Defensive	6.31	6.81	5.92	
+	Healthcare	11.54	12.23	12.08	
•	Utilities	2.58	3.09	2.57	
					0% 5 10 15 20 25 30 35 40

<b>Top 7 Holdings</b> as of 12-31-2021					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Inv	-	52.58	52.58	_	_
◆ Vanguard Total Intl Stock Index Inv	-	35.07	87.65	_	_
⊕ Vanguard Total Bond Market II ldx Inv	-	7.86	95.51	_	_
⊕ Vanguard Total Intl Bd Idx Investor	-	3.31	98.83	_	_
⊕ Mktliq 12/31/2049	-	1.12	99.94	-	_
⊕ Vanguard Total Intl Bd II Idx Investor	_	0.05	100.00	_	_
⊕ Us Dollar	_	0.00	100.00	_	_

## Total Holdings 7

igoplus Increase igoplus Decrease igoplus New to Portfolio



## Vanguard Target Retirement 2050 Fund VFIFX

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

Expense Ratio

## Portfolio Manager(s)

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

## **Quantitative Screens**

- Performance: The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.
- Management: The fund's management has been in place for 8.86 years.
- Net Expense: The fund's expense ratio of 0.15 is 79.17% lower than the Target-Date 2050 category average.

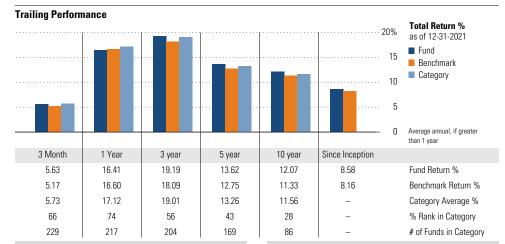
## **Morningstar Investment Management LLC Analysis**

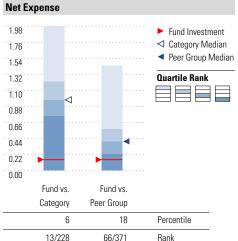
This fund passes all of Morningstar Investment
Management's quantitative screens. Morningstar
Investment Management has also assessed the fund from a
qualitative perspective and, as a fiduciary, is comfortable
recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

#### Growth of \$10,000 ▼ Manager Change V Partial Mgr Change Fund: \$31.247 - Benchmark: \$29,243 20k Category: \$28,767 15k 10k Performance Quartile (Within Category) 2012 2013 2014 2015 2016 2017 2018 2019 2020 YTD History 15.58 24.34 7.18 -1.58 8.85 21.39 -7.90 24.98 16.39 16.41 Total Return % 1.51 2.18 -2.04 0.61 0.51 -0.11 3.48 -0.19 -0.36 1.61 +/- Benchmark 0.63 0.51 3.32 1.76 0.43 0.72 0.51 0.44 1.14 -0.71 +/- Category 44 30 16 45 29 38 37 47 37 74 Tot Ret % Rank in Cat 180 207 196 218 243 246 220 217 # of Funds in Cat 225 233 4 9 7 18 12 6 7 3 9 5 Turnover %





3-Year KISK Wetrics			
	Fund	Bmark	Cat
Alpha	1.85	_	1.56
Beta	0.94	_	0.95
R-Squared	99.20	_	98.48
Standard Deviation	15.77	16.69	15.93
Sharpe Ratio	1.14	1.03	1.12
Tracking Error	1.72	_	2.08
Information Ratio	0.64	_	0.48
Up Capture Ratio	99.28	_	99.27
Down Capture Ratio	92.29	_	93.61

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.16	18.28	19.97
Price/Book Ratio	2.72	2.53	2.83
Avg Eff Duration	7.40	-	6.55





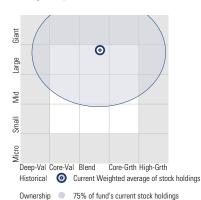
# Vanguard Target Retirement 2050 Fund VFIFX

## **Morningstar Category** Target-Date 2050

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

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Style Breakdown

Equity 27 19 29 5 6 8

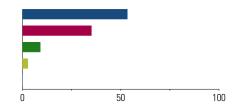
Large Μid 2 3 2

Value Blend Growth

Fixed Income Quality High MidLow Mod Ltd Duration

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

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.11	7.55
Cash	2.61	1.41
Bonds	8.97	5.50
Non-US Stocks	35.02	31.39
US Stocks	53.29	54.14
Asset Class	Net %	Cat%

		Fund	Bmark	Cat	Fund		Bench	mark	Categ	ioni Avio	rogo			
					Func	1 '	bench	IIdik	ll Categ	JULY AVE	rage			
<u></u>	Cyclical	35.57	38.90	36.55								!		
A	Basic Materials	4.63	5.04	4.36										
A	Consumer Cyclical	12.32	10.67	11.93				_						
Ę.	Financial Services	14.99	15.30	15.21										
俞	Real Estate	3.63	7.89	5.05			*							
W	Sensitive	43.99	39.09	42.93										
	Communication Services	8.34	5.83	8.51										
•	Energy	3.51	3.79	3.24		0								
Ф	Industrials	10.63	11.61	10.53										
	Technology	21.51	17.86	20.65										
<b>→</b>	Defensive	20.42	22.01	20.52										
Ħ	Consumer Defensive	6.30	6.80	5.94										
+	Healthcare	11.54	12.12	12.01										
•	Utilities	2.58	3.09	2.57		, i								
					0%	5	10	15	20	25	30	35	40	4

<b>Top 7 Holdings</b> as of 12-31-2021					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
O Vanguard Total Stock Mkt Idx Inv	-	53.82	53.82	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	35.89	89.71	_	-
⊕ Vanguard Total Bond Market II ldx Inv	-	6.25	95.95	_	_
⊕ Vanguard Total Intl Bd Idx Investor	-	2.92	98.87	_	_
⊕ Mktliq 12/31/2049	-	1.00	99.87	-	_
⊕ Vanguard Total Intl Bd II Idx Investor	_	0.08	99.95	_	_
⊕ Us Dollar	_	0.05	100.00	_	_

## Total Holdings 7

⊕ Increase ⊝ Decrease 🌣 New to Portfolio



## Vanguard Target Retirement 2055 Fund VFFVX

**Morningstar Category** Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR

## 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 8.86 years.

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

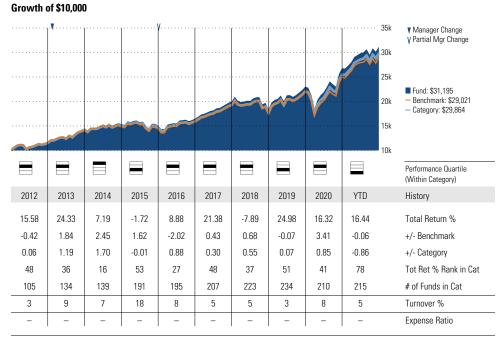
Net Expense: The fund's expense ratio of 0.15 is 78.87% lower than the Target-Date 2055 category average.

## **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
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021



#### **Trailing Performance Total Return %** as of 12-31-2021 Fund Benchmark Category 10 5 Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception Fund Return % 5.65 16.44 19.18 13.61 12.05 11.67 5.12 16.50 18.05 12.71 11.24 8.12 Benchmark Return % 17.30 13.40 11 69 5 77 19 21 Category Average % 64 78 62 51 34 % Rank in Category 227 215 202 164 65 # of Funds in Category

		210	1	202	1	101
Net Expe	ense					
1.96 1.74 1.52 1.31 1.09 0.87 0.65 0.44	4				nd Invest ategory N eer Group tile Rani	ledian Median
	Fund vs. Category	Fund Peer Gr				
	6		17	Perce	ntile	-

	13/226	74/439	Rank	
Peer grou	p is a subset of	the category an	d includes fun	ds with the
same mar	nagement style	(active vs. passi	ve) and simila	r share class
character	ictice			

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.96	_	1.68
Beta	0.94	_	0.95
R-Squared	99.14	_	98.43
Standard Deviation	15.77	16.78	16.07
Sharpe Ratio	1.14	1.03	1.12
Tracking Error	1.81	_	2.10
Information Ratio	0.62	_	0.56
Up Capture Ratio	99.04	_	99.94
Down Capture Ratio	91.67	_	93.93

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.18	18.14	19.70
Price/Book Ratio	2.73	2.50	2.77
Avg Eff Duration	7.37	-	6.64



# Vanguard Target Retirement 2055 Fund VFFVX

Quality High MidLow

**Morningstar Category** Target-Date 2055

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

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Style Breakdown

Weight %

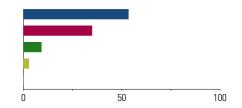
Equity				Fixed	Income
19	29	27	Large		
6	8	5	Mid		
2	3	2	Small		
Value	Blend	Growth		Ltd	Mod

Duration

Value Blend Growth

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.11	5.27
Cash	2.70	1.52
Bonds	9.05	4.53
Non-US Stocks	34.80	34.51
US Stocks	53.35	54.17
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-	31-2021			
		Fund	Bmark	Cat	Fund Benchmark Category Average
Ն	Cyclical	35.56	39.15	36.81	
ė.	Basic Materials	4.63	5.11	4.51	
<b>A</b>	Consumer Cyclical	12.32	10.69	11.83	
<u>,</u>	Financial Services	14.97	15.35	15.24	
ŧ	Real Estate	3.64	8.00	5.23	
M	Sensitive	44.01	38.97	42.85	
	Communication Services	8.34	5.82	8.56	, T
•	Energy	3.50	3.81	3.32	<b>—</b> ]
<b>‡</b>	Industrials	10.63	11.62	10.53	
1	Technology	21.54	17.72	20.44	
<b>→</b>	Defensive	20.43	21.87	20.34	
Ę	Consumer Defensive	6.30	6.79	5.89	
ř	Healthcare	11.55	12.00	11.90	
•	Utilities	2.58	3.08	2.55	
					0% 5 10 15 20 25 30 35 40

<b>Top 7 Holdings</b> as of 12-31-2021					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⇒ Vanguard Total Stock Mkt Idx Inv	-	53.88	53.88	_	_
◆ Vanguard Total Intl Stock Index Inv	_	35.65	89.53	_	_
◆ Vanguard Total Bond Market II Idx Inv	-	6.47	96.00	_	_
◆ Vanguard Total Intl Bd Idx Investor	-	2.67	98.66	_	_
⊕ Mktliq 12/31/2049	-	1.09	99.76	-	_
⊕ Vanguard Total Intl Bd II Idx Investor	_	0.19	99.95	_	_
⊕ Us Dollar	_	0.05	100.00	_	_

## Total Holdings 7

⊕ Increase ⊝ Decrease 🌣 New to Portfolio



## 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 8.86 years.

Net Expense: The fund's expense ratio of 0.15 is 79.17% lower than the Target-Date 2060 category average.

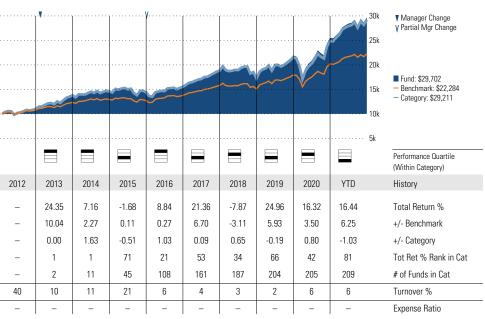
## **Morningstar Investment Management LLC Analysis**

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.

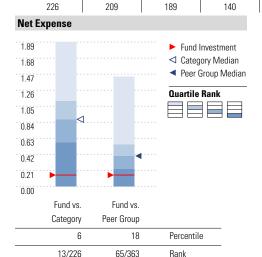
### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

# Growth of \$10,000



#### **Trailing Performance Total Return %** as of 12-31-2021 ■ Fund Benchmark Category 5 Average annual, if greater than 1 year 3 Month 1 Year 3 year 5 year 10 year Since Inception Fund Return % 5.66 16.44 19.17 13.61 11.62 3.43 10.19 13.95 10.07 8.75 6.93 Benchmark Return % 5.83 17 47 13 45 19 28 Category Average % 66 67 57 % Rank 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- Tear hisk Wietrics			
	Fund	Bmark	Cat
Alpha	-0.81	_	-1.18
Beta	1.44	_	1.47
R-Squared	98.94	_	97.94
Standard Deviation	15.75	10.91	16.20
Sharpe Ratio	1.14	1.18	1.12
Tracking Error	5.03	_	5.64
Information Ratio	1.04	-	0.94
Up Capture Ratio	142.33	_	144.58
Down Capture Ratio	151.31	-	156.44

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.21	17.96	19.81
Price/Book Ratio	2.74	2.46	2.84
Avg Eff Duration	7.32	6.79	6.51



# of Funds in Category

# Vanguard Target Retirement 2060 Fund VTTSX

Quality

High

Mid

Low

Asset Allocation as of 12-31-2021

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

Morningstar Mod Tgt Risk TR USD

9.09

2.78

0.11

Cat%

54.92

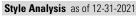
33.94

5.31

2.14

3.68

100.00



Morningstar Style Box™



Ltd

Mod Duration

Large

Mid

Fixed Income

#### Asset Class Net % US Stocks 53.55 Non-US Stocks 34.46 Bonds Cash Other 50 100 Total 100.00

Sec	ctor Weighting as of 12-3	31-2021												
		Fund	Bmark	Cat	Fund	٠,	Benchr	nark	Cate	jory Ave	erage			
<u></u>	Cyclical	35.52	38.62	36.04										
Å.	Basic Materials	4.60	5.07	4.48										
A	Consumer Cyclical	12.33	10.38	11.98										
<b>P</b>	Financial Services	14.96	15.53	15.04			•							
<b>fi</b>	Real Estate	3.63	7.64	4.54		■ []	•							
W	Sensitive	44.04	38.79	43.45										
d	Communication Services	8.35	5.90	8.82			<b>=</b> []							
•	Energy	3.50	3.96	3.39		0								
Ф	Industrials	10.61	11.42	10.48										
	Technology	21.58	17.51	20.76						_ :				
<b>→</b>	Defensive	20.43	22.58	20.50						1				
Ħ	Consumer Defensive	6.30	7.23	5.95			<u> </u>							
٠	Healthcare	11.55	11.97	12.04										
•	Utilities	2.58	3.38	2.51		1								
					0%	5	10	15	20	25	30	35	40	

100.00

## Style Breakdown









<b>Top 7 Holdings</b> as of 12-31-2021					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	-	54.09	54.09	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	35.30	89.39	_	-
⊕ Vanguard Total Bond Market II Idx Inv	_	6.73	96.12	_	-
⊕ Vanguard Total Intl Bd Idx Investor	-	2.27	98.39	_	_
	-	1.14	99.53	-	_
Vanguard Total Intl Bd II Idx Investor	_	0.38	99.91	_	_

0.09

## Total Holdings 7

① Us Dollar

⊕ Increase ⊝ Decrease 🌣 New to Portfolio



## 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 4.47 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 0.15 is 78.87% lower than the Target-Date 2065+ category average.

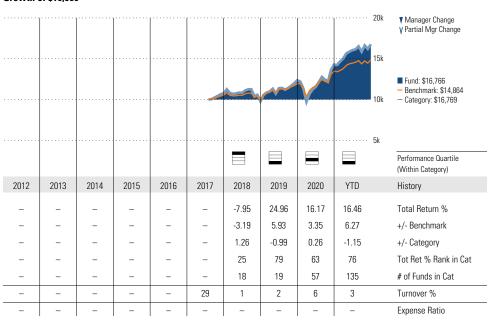
## **Morningstar Investment Management LLC Analysis**

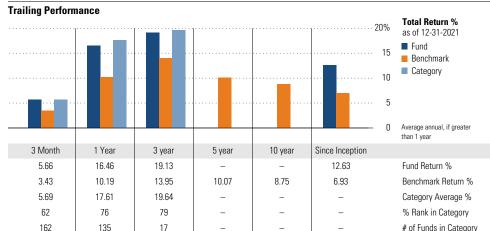
This fund fails our performance consistency screen but we maintain our long-term conviction in this target-date series and continue to be comfortable recommending it for retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021
Carbon Risk Score	Low Risk	09-30-2021

## Growth of \$10,000





Net Exp	ense			
1.89				► Fund Investment
1.68				Category Median
1.47				<ul> <li>Peer Group Median</li> </ul>
1.26				Quartile Rank
1.05				
0.84				
0.63	4			
0.42				
0.21	• • • • • • • • • • • • • • • • • • • •			
0.00				
	Fund vs.	Fun	d vs.	
(	Category	Peer G	roup	
	7		17	Percentile

	11/163	39/235	Rank							
Peer group is a subset of the category and includes funds with the										
same management style (active vs. passive) and similar share class										
characteris	etice									

3-Year hisk wetrics			
	Fund	Bmark	Cat
Alpha	-0.89	_	-1.51
Beta	1.44	_	1.53
R-Squared	98.95	-	98.02
Standard Deviation	15.79	10.91	16.83
Sharpe Ratio	1.14	1.18	1.10
Tracking Error	5.06	-	6.23
Information Ratio	1.02	-	0.92
Up Capture Ratio	142.38	-	148.16
Down Capture Ratio	151.85	-	160.92

Portfolio Metrics											
	Fund	Bmark	Cat								
Price/Earnings Ratio	19.13	17.96	18.85								
Price/Book Ratio	2.71	2.46	2.63								
Avg Eff Duration	7.31	6.79	6.56								



# Vanguard Target Retirement 2065 Fund VLXVX

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

Morningstar Mod Tgt Risk TR USD

Style Analysis as of 12-31-2021 Morningstar Style Box™





Large

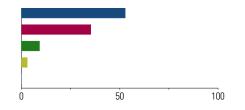
Mid

## Style Breakdown



Value Blend Growth Weight % >50 25-50 10-25 0-10

Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.11	5.42
Cash	2.87	2.10
Bonds	9.12	7.50
Non-US Stocks	35.19	38.57
US Stocks	52.71	46.42
Asset Class	Net %	Cat%

	ctor Weighting as of 12-3											
		Fund	Bmark	Cat	Fund	▼ Benchr	mark	Categ	ory Ave	rage	,	
<b>Ն</b>	Cyclical	35.64	38.62	36.60								
ů.	Basic Materials	4.66	5.07	4.97		_						
<b>A</b>	Consumer Cyclical	12.33	10.38	11.97								
ê	Financial Services	15.01	15.53	15.29								
t	Real Estate	3.64	7.64	4.37		7						
M	Sensitive	43.96	38.79	42.97		-						
₫	Communication Services	8.32	5.90	8.29								
0	Energy	3.52	3.96	3.61								
Ф	Industrials	10.65	11.42	10.84				_				
	Technology	21.47	17.51	20.23								
<b>→</b>	Defensive	20.42	22.58	20.43								
	Consumer Defensive	6.31	7.23	6.34		<b>=</b> ] '						
٠	Healthcare	11.53	11.97	11.53								
•	Utilities	2.58	3.38	2.56	<b>—</b>							

Top 7 Holdings as of 12-31-2021					
Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Vanguard Total Stock Mkt ldx Inv	-	53.23	53.23	_	_
⊕ Vanguard Total Intl Stock Index Inv	-	36.06	89.29	_	-
⊕ Vanguard Total Bond Market II ldx Inv	-	6.80	96.09	_	-
⊕ Vanguard Total Intl Bd Idx Investor	-	1.71	97.81	_	-
	-	1.27	99.08	-	_
⊕ Vanguard Total Intl Bd II Idx Investor	_	0.89	99.97	_	_
⊕ Us Dollar	-	0.03	100.00	_	_

## Total Holdings 7

⊕ Increase ⊝ Decrease 🌣 New to Portfolio

## 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**

Q 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 8.86 years.

Net Expense: The fund's expense ratio of 0.12 is
 82.61% lower than the Target-Date Retirement category average.

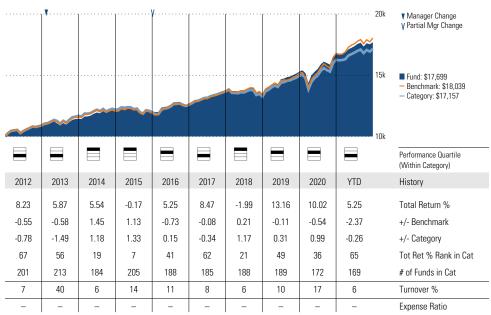
## **Morningstar Investment Management LLC Analysis**

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.

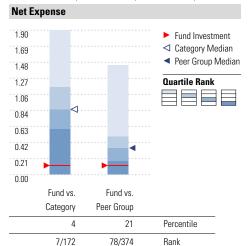
### **ESG Metrics**

Metric	Rating	Updated
ESG Commitment	1-Low	12-16-2021
Sustainability Rating	3	11-30-2021

## Growth of \$10,000







3-Year Kisk Metrics			
	Fund	Bmark	Cat
Alpha	0.72	_	-0.45
Beta	0.83	_	0.92
R-Squared	97.05	_	93.71
Standard Deviation	5.87	6.97	6.64
Sharpe Ratio	1.42	1.34	1.24
Tracking Error	1.56	-	2.09
Information Ratio	-0.66	_	-0.50
Up Capture Ratio	84.36	_	87.16
Down Capture Ratio	72.74	_	85.98

Fund	Bmark	Cat
19.09	19.96	19.67
2.71	2.84	2.74
6.22	5.68	6.65
	19.09 2.71	19.09 19.96 2.71 2.84



# **Vanguard Target Retirement Income Fund** VTINX

Quality

High

Mid

Low

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

Morningstar Index
Morningstar Lifetime Mod Incm TR
USD

## Style Analysis as of 12-31-2021

Morningstar Style Box™



## Style Breakdown

Equity 27 19 29 5 6 8

Large Μid 2 3 2

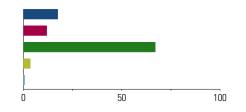
Mod Value Blend Growth Ltd Duration

Fixed Income

Weight %

>50 25-50 10-25 0-10

## Asset Allocation as of 12-31-2021



Total	100.00	100.00
Other	0.50	13.91
Cash	3.40	6.26
Bonds	66.98	52.06
Non-US Stocks	11.75	9.93
US Stocks	17.36	17.85
Asset Class	Net %	Cat%

Sec	ctor Weighting as of 12-3	31-2021												
		Fund	Bmark	Cat	Fund		Bench	mark	Cate	gory Ave	erage			
<sub>Մ</sub>	Cyclical	35.67	38.72	38.21										
ė.	Basic Materials	4.68	4.23	4.17		Ú								
<b>A</b>	Consumer Cyclical	12.33	10.13	11.18										
æ	Financial Services	15.01	14.34	14.51										
fil.	Real Estate	3.65	10.02	8.35										
W	Sensitive	43.90	38.83	41.44										
	Communication Services	8.30	5.79	7.69			0							
ð	Energy	3.51	3.48	3.56										
Ф	Industrials	10.67	10.91	10.12										
	Technology	21.42	18.65	20.07						:				
<b>-</b>	Defensive	20.42	22.44	20.35										
Ħ	Consumer Defensive	6.34	6.71	6.20										
+	Healthcare	11.50	12.67	11.32				٠						
•	Utilities	2.58	3.06	2.83										
					0%	5	10	15	20	25	30	35	40	

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
→ Vanguard Total Bond Market II ldx Inv	_	36.70	36.70	_	_
Some interest in the second interest in	_	17.54	54.24	_	_
	_	16.89	71.12	_	_
Vanguard Total Intl Bd ldx Investor	_	15.75	86.87	_	_
→ Vanguard Total Intl Stock Index Inv	-	12.05	98.92	-	-
⊕ Mktlig 12/31/2049	_	0.91	99.83	_	_
	_	0.16	99.99	_	_
⊕ Us Dollar	_	0.01	100.00	_	_

## Total Holdings 8

⊕ Increase ⊕ Decrease 🕸 New to Portfolio

