### American Funds American Balanced R6 RLBGX

#### Portfolio Manager(s)

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 23.76 years.

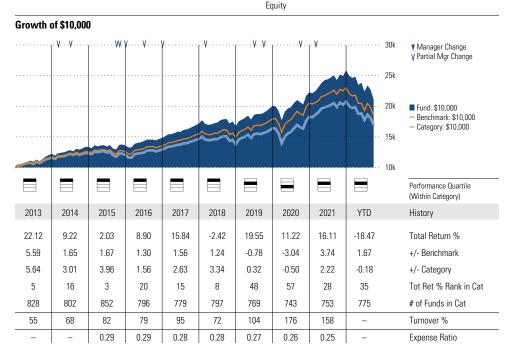
Style: The fund has landed in its primary style box — Large Blend — 100 % of the time over the past three years.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category Allocation--50% to 70%

#### Trailing Performance



#### 4.92 Fund Investment 4 37 Peer Group Median 3.83 Quartile Rank 3.28 2.73 2.19 1 64 1.09 0.55 0.00 Fund vs. Fund vs. Peer Group Category 2 6 Percentile

13/791 38/646 Rank Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

Fund Bmark Cat Alnha 1.22 -0.19 Beta 0.94 1.01 **R**-Squared 96 95 93.81 \_ Standard Deviation 12.60 13.19 13.79 Sharpe Ratio 0.30 0.21 0 19 Tracking Error 2 33 3.33 -0.07 Information Ratio 0 48 Up Capture Ratio 100.69 100.14 Down Capture Ratio 94.41 101.57 **Portfolio Metrics** Fund Bmark Cat

Tunu	DITICIN	Gat
14.57	15.39	15.85
2.94	2.51	2.63
6.92	6.45	5.02
	2.94	14.5715.392.942.51

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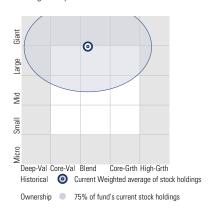


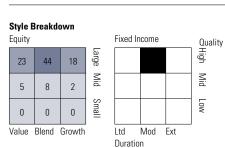
Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

### American Funds American Balanced R6 RLBGX

#### Style Analysis as of 09-30-2022 Morningstar Style Box™





Weight %

>50 25-50 10-25 0-10

#### Top 10 Holdings as of 09-30-2022

		·
0	50	100

#### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

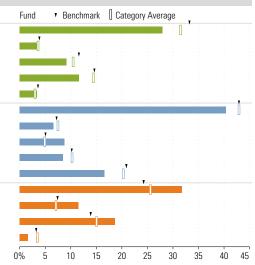
		Fund	Bmark	Cat
Դ	Cyclical	27.90	33.09	31.49
<i>.</i>	Basic Materials	3.73	3.71	3.59
A	Consumer Cyclical	9.16	11.45	10.46
цф	Financial Services	11.62	14.48	14.43
ŵ	Real Estate	3.39	3.45	3.01
~~	Sensitive	40.37	42.78	42.93
d	Communication Services	6.64	7.08	7.49
0	Energy	8.72	4.91	4.91
¢	Industrials	8.43	10.05	10.25
	Technology	16.58	20.74	20.28
-	Defensive	31.74	24.12	25.60
F	Consumer Defensive	11.52	7.27	7.10
٠	Healthcare	18.65	13.76	15.05
2	Utilities	1.57	3.09	3.45
-				

#### Equity Asset Class Net % Cat% US Stocks 51.73 46.54 Non-US Stocks 7.57 9.57 30.48 Bonds 34.14 Cash 4.55 6.18 Other 5.66 3.56 Total 100.00 100.00

**Morningstar Index** 

Morningstar US Mod Tgt Alloc NR USD

Morningstar Category Allocation--50% to 70%



Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Capital Group Central Cash Fund	_	12.06	12.06	_	_
蓉 Cash And Other Assets Less Liablities	-	7.58	19.64	_	-
🕀 Cap Grp Cent Fd Ser li	-	5.14	24.79	_	-
⊖ Microsoft Corp	-	3.52	28.31	-30.20	Technology
$\ominus$ UnitedHealth Group Inc	-	2.65	30.96	1.52	Healthcare
⊖ Broadcom Inc	-	2.37	33.33	-31.42	Technology
$igodoldsymbol{ m Philip}$ Morris International Inc	-	1.85	35.18	-8.65	Consumer Defensive
⊕ Pfizer Inc	-	1.47	36.65	-23.86	Healthcare
The Home Depot Inc	-	1.39	38.04	-32.14	Consumer Cyclical
CVS Health Corp	-	1.18	39.22	-5.95	Healthcare

 $\oplus$  Increase  $\oplus$  Decrease New to Portfolio



### American Funds Intl Gr and Inc R6 RIGGX

### Portfolio Manager(s)

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

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 14.01 years.

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

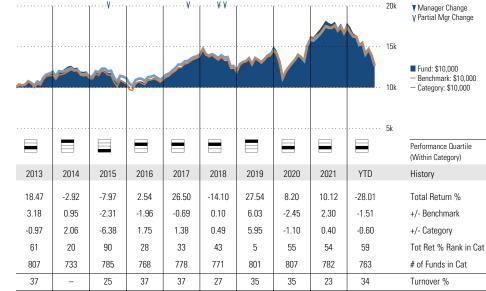
Net Expense: The fund's expense ratio of 0.54 is 41.94% lower than the Foreign Large Blend category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022



#### **Trailing Performance**

0.58

0.58

\_

4 4 1

3.92

3.43

2.94

2.45

1.96

1.47

0.98

0.49

0.00

Growth of \$10,000



Fund Investment

Category Median

Quartile Rank

Percentile

Peer Group Median

0.58

0.57

0.57

0.54

0.54

0.53

10%

5

0

-5

**Total Return %** as of 09-30-2022

Benchmark

Fund

Expense Ratio

10 year 3.31 3.01	Since Inception 5.66 3.81	-10 -15 -20 -25 -30	Averag than 1 Fund	ge annual, if gre year Return % :hmark Retur	
3.31	5.01			gory Average	
49	_			ank in Categ	
43	_			Funds in Categ	,
3-Year Risk	Motrico		# UI	i unus in Gat	eyory
J-TEAL NISK	WEU105	F	und	Bmark	Cat
Alpha			0.01	Dinark	0.08
Beta			1.07		1.01
			5.42	_	93.77
R-Squared				-	
Standard Devia	ition		).07	18.48	19.26
Sharpe Ratio			).02	-0.03	-0.02
Tracking Error		3	3.99	-	4.83
Information Rat	tio	-(	).07	-	-0.01
Up Capture Rat	io	107	7.28	-	103.08
Down Capture	Ratio	107	7.60	-	103.04
Portfolio M	etrics				
		F	und	Bmark	Cat

	168/796	150/577	Rank
Peer gro	up is a subset of tl	he category and	d includes funds with the
same ma	anagement style (a	ictive vs. passiv	ve) and similar share class
characte	ristics.		

26

Fund vs

Peer Group

Price/Earnings Ratio 11.83 11.06 11.27 Price/Book Ratio 1.58 1.49 1.51 Geom Avg Mkt Cap \$B 39.09 34 91 41.65 ROE 19.35 18.13 20.02

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Fund vs

Category

21

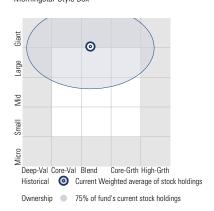


**Morningstar Category** Foreign Large Blend

Morningstar Index MSCI ACWI Ex USA NR USD

### American Funds Intl Gr and Inc R6 RIGGX

**Style Analysis** as of 09-30-2022 Morningstar Style Box™





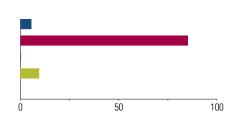


Weight %

<25

>50 25-50 10-25 0-10

#### World Regions % Equity 09-30-2022



#### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

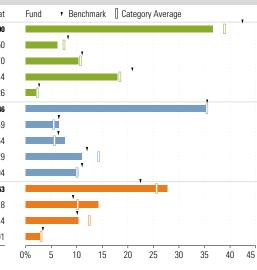
		Fund	Bmark	Cat
Դ	Cyclical	36.70	42.29	38.90
æ.	Basic Materials	6.17	8.16	7.50
	Consumer Cyclical	10.28	10.91	10.70
<b>H</b>	Financial Services	17.94	20.73	18.44
ŵ	Real Estate	2.31	2.49	2.26
V <sup>ar</sup>	Sensitive	35.55	35.38	35.46
đ	Communication Services	6.49	6.35	5.49
0	Energy	7.64	6.26	5.64
¢	Industrials	11.05	11.87	14.29
	Technology	10.37	10.90	10.04
-	Defensive	27.75	22.32	25.63
F	Consumer Defensive	14.24	9.14	10.18
٠	Healthcare	10.34	9.95	12.44
9	Utilities	3.17	3.23	3.01

Asset Class Net % Cat% US Stocks 2.94 5.41 Non-US Stocks 85.07 94.78 Bonds 0.16 0.62 Cash 9.36 0.82 Other 0.00 0.83 Total 100.00 100.00

Morningstar Index

MSCI ACWI Ex USA NR USD

Morningstar Category Foreign Large Blend



1	Greater Asia	Fund % 28.28	Cat % 36.02	Americas	Fund % 15.73	Cat % 9.12	Greater Europe	Fund % 55.98	Cat % 54.87	Market Maturity	Fund %
	Japan	7.17	18.20	North America	11.06	7.95	United Kingdom	16.06	13.86	Developed Markets	84.41
	Australasia	0.28	5.40	Central/Latin	4.67	1.17	W euro-ex UK	39.28	39.70	Emerging Markets	15.59
	Asia-4 Tigers	10.32	6.89				Emrgng Europe	0.24	0.06	Not Available	0.00
	Asia-ex 4 Tigers	10.51	5.53				Africa	0.40	1.25		
	Not Classified	0.00	0.00								
>75	5										

Top 10 Holdings as of 09-30-2022

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Đ Capital Group Central Cash M	9.26	9.26	_	_
🕀 AstraZeneca PLC	3.15	12.41	17.14	Healthcare
igodolog British American Tobacco PLC	2.91	15.32	24.01	Consumer Defensive
Taiwan Semiconductor Manufacturing Co Ltd	2.72	18.03	-30.04	Technology
$\oplus$ Philip Morris International Inc	1.78	19.81	-8.65	Consumer Defensive
€ Novo Nordisk A/S Class B	1.68	21.49	4.70	Healthcare
Airbus SE	1.66	23.15	-19.55	Industrials
$\ni$ ASML Holding NV	1.55	24.70	-37.96	Technology
➔ BAE Systems PLC	1.52	26.22	46.42	Industrials
ightarrow Nestle SA	1.33	27.55	-14.55	Consumer Defensive

### Total Holdings 241

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio

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### Baird Aggregate Bond Inst BAGIX

#### 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 Abhishek Pulakanti since 05-2022 Andrew O'Connell since 05-2022

#### Quantitative Screens

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

Management: The fund's management has been in place for 22.02 years.

Style Consistency is not calculated for Fixed Income funds.

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

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

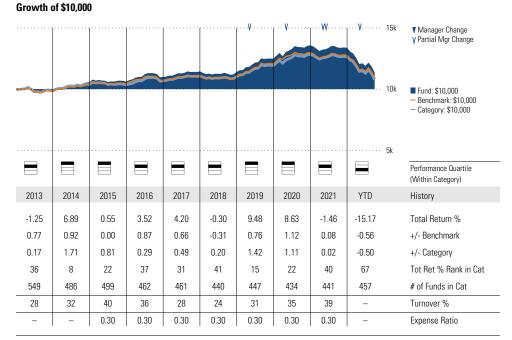
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
ESG Commitment	1-Low	02-15-2022

Morningstar Category Intermediate Core Bond Morningstar Index

Bloomberg US Agg Bond TR USD



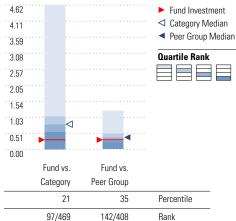
#### **Trailing Performance**



Alpha

Beta

**R-Squared** 



Standard Deviation	5.71	5.36
Sharpe Ratio	-0.62	-0.70
Tracking Error	1.18	-
Information Ratio	0.16	-
Up Capture Ratio	113.98	-
Down Capture Ratio	106.21	-
Portfolio Metrics		
	Fund	Bmark

Fund

0.35

1 04

95.90

**Bmark** 

Cat

0.06

1 00

91.94

5.61

-0.67

1.53

-0.06

104.83

102.46

Cat

5 95

8.08

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

Fund Bmark Avg Eff Duration 6.58 4.43 Avg Eff Maturity 8.50 – the

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### Baird Aggregate Bond Inst BAGIX

#### Style Analysis as of 09-30-2022 Style Breakdown Fixed Income Quality High Mid

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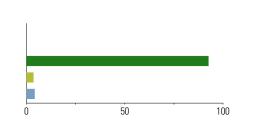
Not Rated

**Credit Rating Breakdown** Fund Bmark Cat 58.90 3.53 AAA 48.24 AA 3.70 74.59 11.54 12.90 10.82 А 24.71 BBB 23.90 8.32 12.75 BB 0.60 0.28 1.25 В 0.00 0.00 0.50 Below B 0.00 0.00 0.28

0.00

2.46

0.73



#### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

	Fund	Bmark	Cat	Fund	۲	Benchma	rk 🛛 C	ategory	Average			
Government	28.46	_	30.91			-	-					
Treasury	28.43	-	24.98				-		)			
Inflation – Protected	0.00	-	1.47	i []								
Agency/Quasi Agency	0.03	-	1.12									
Other Government Related	0.00	-	3.34		0							
Corporate	38.86	_	26.16						)			
Corporate Bond	34.88	-	24.80									
Bank Loan	0.00	-	0.05	0								
Convertible	3.98	-	1.27									
Preferred	0.00	-	0.04	0								
Securitized	28.13	-	34.55									
Agency MBS Pass-Through	16.70	-	22.81						[			
Agency MBS ARM	0.00	-	0.18									
Agency MBS CMO	2.92	-	2.43									
Non-Agency Residential MBS	0.39	-	0.20	[								
Commercial MBS	4.61	-	2.81									
Asset-Backed	3.51	-	6.12									
Covered Bond	0.00	-	0.00	0								
Municipal	1.08	-	0.67	Û								
Cash & Equivalents	3.47	_	5.99									
Other	0.00	-	1.74									
				0%	5	10	15	20	25	30	35	4

#### Top 10 Holdings as of 09-30-2022

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

#### Total Holdings 1528

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** 

Intermediate Core Bond

Asset Class

US Stocks

Bonds

Cash

Other

Total

Non-US Stocks

**Morningstar Index** d TR USD

Net %

0.00

0.00

92.52

3.43

4.05

100.00

Cat%

0.05

0.00

94.93

2.71

2.30

100.00

Bloomberg	US Agg	Boug	IK	ι

### DFA US Small Cap I DFSTX

### Portfolio Manager(s)

Jed Fogdall since 02-2012 Joel Schneider since 02-2017 Marc Leblond since 02-2020

#### Quantitative Screens

Performance: The fund has finished in the Small 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 10.59 years.

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

Net Expense: The fund's expense ratio of 0.27 is 72.45% lower than the Small Blend category average.

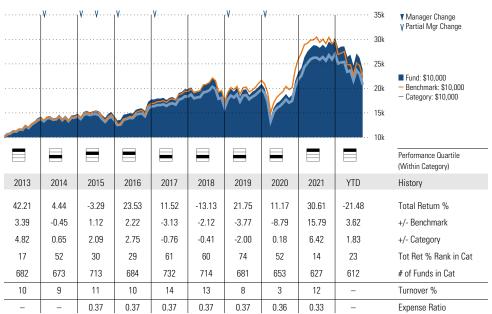
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

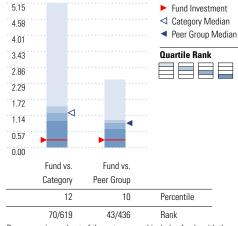
Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022

Growth of \$10,000



#### **Trailing Performance**





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

Cat Alpha 3.13 0.41 0.94 0.95 Beta R-Squared 95.41 93.92 Standard Deviation 24 60 25 47 25.06 Sharpe Ratio 0.39 0 27 0.27 Tracking Error 5.46 6.07 Information Ratio 0.56 -0.11 Up Capture Ratio 102.87 96.88 Down Capture Ratio 94.03 96.30

#### Portfolio Metrics Fund Bmark Price/Famings Ratio 11 36 10.42

Price/Earnings Ratio	11.36	10.4Z	11.99
Price/Book Ratio	1.88	1.74	1.94
Geom Avg Mkt Cap \$B	2.61	1.99	3.74
ROE	17.78	8.51	18.97

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Cat

44 00

Morningstar Category Morningstar Index

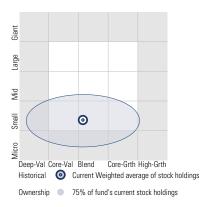
Small Blend

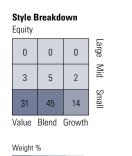
Russell 2000 TR USD

### DFA US Small Cap I DFSTX

### Style Analysis as of 09-30-2022

Morningstar Style Box™





```
>50
    25-50 10-25 0-10
```

#### Ton 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Usd	1.54	1.54	_	_
S+p500 Emini Fut Sep22 Xcme 20220916	0.84	2.38	-	-
€ Ssc Government Mm Gvmxx	0.78	3.17	-	-
Range Resources Corp	0.43	3.59	42.12	Energy
⊕ Nexstar Media Group Inc	0.39	3.98	12.30	Communication Svc
Murphy USA Inc	0.38	4.36	38.44	Consumer Cyclical
Penske Automotive Group Inc	0.38	4.74	-6.80	Consumer Cyclical
🕀 Acadia Healthcare Co Inc	0.38	5.12	28.80	Healthcare
• WESCO International Inc	0.38	5.49	-9.28	Industrials
€ Matador Resources Co	0.36	5.85	33.04	Energy
Chart Industries Inc	0.35	6.20	15.59	Industrials
€ PDC Energy Inc	0.34	6.54	20.42	Energy
ExlService Holdings Inc	0.31	6.85	1.79	Technology
Antero Resources Corp	0.30	7.15	74.46	Energy
Clean Harbors Inc	0.30	7.46	10.23	Industrials

#### Total Holdings 1979

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

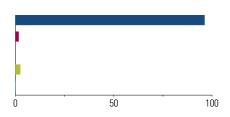
Industrials

Technology

Defensive

Healthcare

Consumer Defensive



Fund

39.78

5.62

12.44

21.18

0.54

41.58

2.87

6.46

19.91

12.34

18.63

4.63

10.80

3.20

Bmark

37.38

4.01

9.73

16.06

7.58

36.34

2.59

5.94

14.05

13.76

26.29

4.00

18.85

3.44

38.98

14.06

21.40

Total	100.00	100.00		
Other	0.03	0.18		
Cash	2.32	1.11		
Bonds	0.00	0.70		
Non-US Stocks	1.51	1.91		
US Stocks	96.13	96.10		
Asset Class	Net %	Cat%		
Small Blend	nusseli 2000 Th USD			

**Morningstar Index** 

Bussell 2000 TR LISD

**Morningstar Category** 

#### Benchmark [] Category Average Cat Fund 39.61 4.58 11.29 16.69 7.05 Ì. 2.68 5.04 17.20 4.29 14.35 2.76 0% 5 10 15 20 25 30 35 40 45

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### Federated Hermes Govt Ultrashort R6 FGULX

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 6 years it's been in existence.

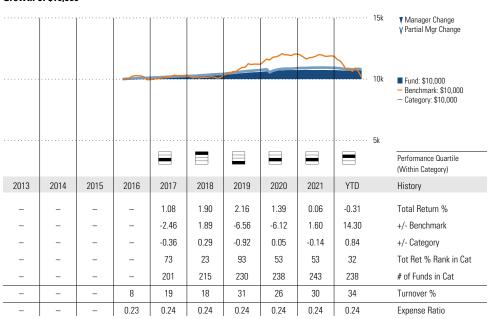
Management: The fund's management has been in place for 25.24 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.24 is 48.94% lower than the Ultrashort Bond category average.

#### Morningstar Investment Management LLC Analysis

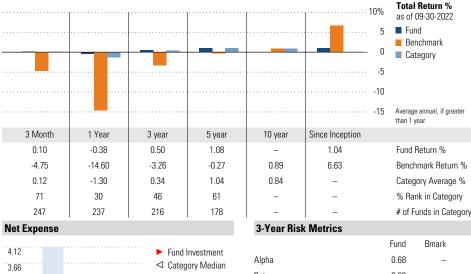
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

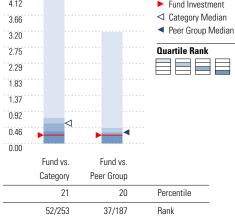


Morningstar Category

Ultrashort Bond

#### **Trailing Performance**





0.89	0.03	benchmark helum %				
0.84	-	Category Average %				
-	-	% Rank in Category				
-	-	# of Funds in Category				
3-Year Risk Metrics						
		Fund	Bmark	Cat		
Alpha		0.68	-	0.71		
Beta		0.06 - 0				
R-Squared	R-Squared		31.67 – 16.2			
Standard Devia	ition	0.56 5.36 1.8				
Sharpe Ratio		-0.23	-0.70	-0.23		
Tracking Error		5.07	-	5.17		
Information Ra	tio	0.74	-	0.69		
Up Capture Rat	tio	11.59	-	25.28		
Down Capture	Ratio	1.33	-	12.13		
Portfolio M	etrics					
		Fund	Bmark	Cat		

	Fund	Bmark	
Avg Eff Duration	0.36	4.43	
Avg Eff Maturity	2.55	-	

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

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0.90

2.34

Morningstar Index

Bloomberg US Agg Bond TR USD



### Federated Hermes Govt Ultrashort R6 FGULX

### Style Analysis as of 09-30-2022



Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	43.89
AA	0.00	74.59	6.32
A	0.00	10.82	18.20
BBB	0.00	8.32	21.88
BB	0.00	0.28	1.39
В	0.00	0.00	1.10
Below B	0.00	0.00	0.26
Not Rated	0.00	2.46	6.97

Asset Allocation	as of 09-30-2022	
I		
0	50	100

#### Asset Class Net % Cat% US Stocks 0.00 0.00 Non-US Stocks 0.00 0.00 Bonds 61.87 70.09 Cash 38.13 27.70 Other 0.00 2.22 Total 100.00 100.00

### Sector Weighting as of 09-30-2022

	Fund	Bmark	Cat	Func	1	<ul> <li>Ben</li> </ul>	chmark	] Ca	ategory	Avera	ge	
Government	14.35	-	15.37			-						
Treasury	5.34	_	9.99			0						
Inflation – Protected	0.00	-	0.00	0								
Agency/Quasi Agency	9.01	-	1.26									
Other Government Related	0.00	-	4.12		0							
Corporate	0.00	-	36.35								[	
Corporate Bond	0.00	_	31.57							0		
Bank Loan	0.00	_	0.37	0								
Convertible	0.00	-	4.41		0							
Preferred	0.00	-	0.00	0								
Securitized	47.52	-	20.65					]				
Agency MBS Pass-Through	1.68	-	0.50	0								
Agency MBS ARM	0.14	-	0.58	[]								
Agency MBS CMO	45.70	-	3.09									
Non-Agency Residential MBS	0.00	-	0.40	0								
Commercial MBS	0.00	-	1.26									
Asset-Backed	0.00	-	14.82									
Covered Bond	0.00	-	0.00	0								
Municipal	0.00	-	1.00	[]								
Cash & Equivalents	38.13	_	26.44						1			
Other	0.00	_	0.09	Ó								

#### Top 10 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Novasc Repo 1 Repo	04-2022	23.03	23.03	_
🕀 Bofam Repo 1 Repo	04-2022	12.06	35.09	-
① Government National Mortgage Association 0.74857%	07-2050	6.50	41.59	-
Federal Home Loan Banks 0.4%	06-2024	4.40	45.99	-
$\odot$ Federal National Mortgage Association 0.95657%	08-2059	2.45	48.44	-
⊖ Federal Home Loan Mortgage Corporation 0.90657%	09-2049	2.08	50.52	-
$\odot$ Federal National Mortgage Association 0.90657%	06-2050	2.04	52.55	_
$\odot$ Federal Home Loan Mortgage Corporation 0.90657%	01-2050	1.76	54.31	-
⊖ Government National Mortgage Association 2.26188%	03-2067	1.70	56.02	-
igodot Government National Mortgage Association 0.82%	02-2065	1.68	57.70	-

#### Total Holdings 222

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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**Morningstar Category** Ultrashort Bond

**Morningstar Index** Bloomberg US Agg Bond TR USD

### Vanguard 500 Index Admiral VFIAX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 6.43 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 0.04 is 95% lower than the Large Blend category average.

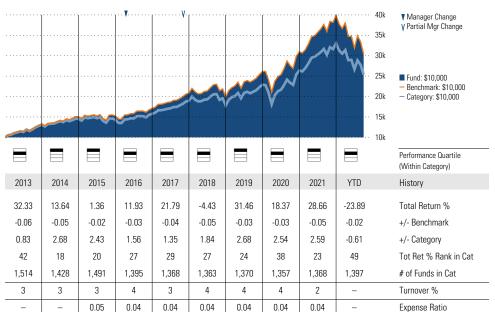
#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

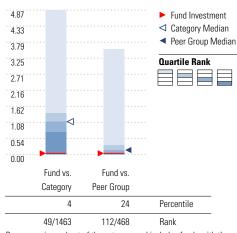
Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022





#### **Trailing Performance**





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

Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha -0.04 -1.32 1 00 0.96 Beta 100.00 **R-Squared** 95.48 Standard Deviation 20.30 20.30 19.87 Sharpe Ratio 0.45 0.45 0.37 Tracking Error 0.01 4.01 Information Ratio -3.65 -0.98 Up Capture Ratio 99.95 92.89 Down Capture Ratio 100.07 97.59

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 19.65 17.98 18.23 Price/Book Ratio 3.73 3.38 3.60 Geom Avg Mkt Cap \$B 182 15 164 20 210.33 ROE 32.18 31.94 32.91

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Morningstar Index

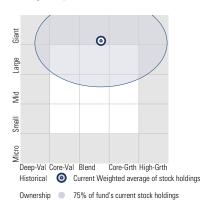
**Morningstar Category** 

Large Blend

S&P 500 TR USD

### Vanguard 500 Index Admiral VFIAX

Style Analysis as of 09-30-2022 Morningstar Style Box™







#### Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	7.20	7.20	-21.79	Technology
€ Microsoft Corp	5.83	13.03	-30.20	Technology
€ Amazon.com Inc	3.30	16.33	-32.22	Consumer Cyclical
🕀 Tesla Inc	2.07	18.40	-24.70	Consumer Cyclical
	1.93	20.33	-33.97	Communication Svc
🕀 Alphabet Inc Class C	1.80	22.13	-33.54	Communication Svc
$oldsymbol{eta}$ Berkshire Hathaway Inc Class B	1.51	23.64	-10.70	Financial Services
Đ UnitedHealth Group Inc	1.45	25.10	1.52	Healthcare
Đ Johnson & Johnson	1.26	26.36	-2.57	Healthcare
	1.20	27.56	47.00	Energy
➔ NVIDIA Corp	1.13	28.69	-58.69	Technology
Deta Platforms Inc Class A	1.11	29.80	-59.66	Communication Svc
m lacksquare JPMorgan Chase & Co	1.00	30.79	-32.11	Financial Services
Đ Procter & Gamble Co	0.99	31.78	-21.17	Consumer Defensive
m lacksquare Visa Inc Class A	0.97	32.75	-17.50	Financial Services

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

50

Fund

29.27

2.25

11.21

12.96

2.85

46.26

8.42

4.68

8.47

24 69

24.48

7.19

14.16

3.13

Bmark

29.69

2.24

11.44

13 11

2.90

44.73

8.07

4.55

8.32

23.79

25.58

7.33

15.18

3.07

100

#### Total Holdings 506

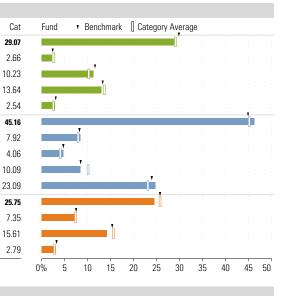
⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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

Asset Class	Net %	Cat%
US Stocks	98.23	94.84
Non-US Stocks	0.99	2.67
Bonds	0.00	0.87
Cash	0.77	0.53
Other	0.00	1.09
Total	100.00	100.00



### Vanguard Dividend Growth Inv VDIGX

#### Portfolio Manager(s)

Donald Kilbride since 02-2006 Peter Fisher since 07-2022

#### Quantitative Screens

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

Management: The fund's management has been in place for 16.67 years.

Style: The fund has landed in its primary style box — Large Blend — 80 % of the time over the past three years.

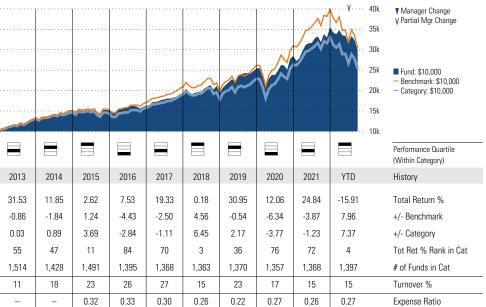
Net Expense: The fund's expense ratio of 0.27 is 66.25% lower than the Large Blend category average.

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

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

#### ESG Metrics

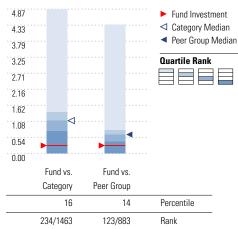
Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	2-Basic	02-15-2022



#### **Trailing Performance**

Growth of \$10,000





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

than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha 0.54 -1.32 0.96 Beta 0 79 R-Squared 88.70 95.48 19.87 Standard Deviation 17 00 20.30 Sharpe Ratio 0.45 0.45 0.37 Tracking Error 7.15 4.01 Information Ratio -0.14 -0.98 Up Capture Ratio 81.83 92.89 Down Capture Ratio 80.72 97.59

#### **Portfolio Metrics** Fund Bmark Price/Earnings Ratio 24 42 17.98 18.23

J			
Price/Book Ratio	5.95	3.38	3.60
Geom Avg Mkt Cap \$B	166.25	164.20	210.33
ROE	37.15	31.94	32.91

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Cat

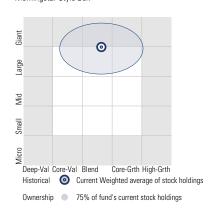
Morningstar Index **Morningstar Category** Large Blend

S&P 500 TR USD

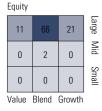
								$\mathcal{N}$	V 40k	▼ Manager Change γ Partial Mgr Change
							N		30k	
									····· 25k	<ul> <li>Benchmark: \$10,000</li> </ul>
~~		~~~~							····· 15k	
										Performance Quartile (Within Category)
2013	2014	2015	2016	2017	2018	2019	2020	2021	YTD	History
31.53	11.85	2.62	7.53	19.33	0.18	30.95	12.06	24.84	-15.91	Total Return %
-0.86	-1.84	1.24	-4.43	-2.50	4.56	-0.54	-6.34	-3.87	7.96	+/- Benchmark
0.03	0.89	3.69	-2.84	-1.11	6.45	2.17	-3.77	-1.23	7.37	+/- Category
55	47	11	84	70	3	36	76	72	4	Tot Ret % Rank in Cat
1,514	1,428	1,491	1,395	1,368	1,363	1,370	1,357	1,368	1,397	# of Funds in Cat
11	18	23	26	27	15	23	17	15	15	Turnover %
_	_	0.32	0.33	0.30	0.26	0.22	0.27	0.26	0.27	Expense Batio

### Vanguard Dividend Growth Inv VDIGX

Style Analysis as of 09-30-2022 Morningstar Style Box™







### Weight %

>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2022

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ UnitedHealth Group Inc	3.84	3.84	1.52	Healthcare
∋ Johnson & Johnson	3.46	7.30	-2.57	Healthcare
€ Colgate-Palmolive Co	3.38	10.67	-16.05	Consumer Defensive
$\ominus$ Coca-Cola Co	3.32	13.99	-3.16	Consumer Defensive
$\ominus$ Northrop Grumman Corp	3.19	17.18	22.81	Industrials
$\oplus$ TJX Companies Inc	3.18	20.36	-17.06	Consumer Cyclical
€ Procter & Gamble Co	3.14	23.51	-21.17	Consumer Defensive
ightarrow Union Pacific Corp	2.95	26.46	-21.17	Industrials
€ Visa Inc Class A	2.94	29.40	-17.50	Financial Services
$\oplus$ Honeywell International Inc	2.78	32.18	-18.51	Industrials
€ McDonald's Corp	2.75	34.93	-12.38	Consumer Cyclical
$\oplus$ Marsh & McLennan Companies Inc	2.74	37.67	-13.16	Financial Services
€ Linde PLC	2.70	40.37	-21.17	Basic Materials
€ Nike Inc Class B	2.63	43.00	-49.58	Consumer Cyclical
$\oplus$ General Dynamics Corp	2.62	45.62	3.55	Industrials

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

50

100

Bmark

29.69

2.24

11.44

13 11

2.90

44.73

8.07

4.55

8.32

23.79

25.58

7.33

15.18

3.07

Fund

32.32

4.72

10.12

14 51

2.97

31.21

1.79

0.00

23.44

5.98

36.48

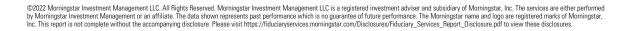
16.53

19.95

0.00

#### Total Holdings 56

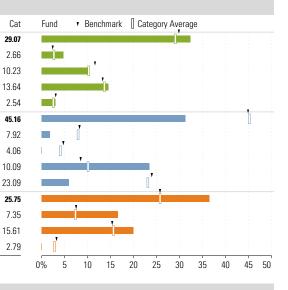
⊕ Increase ⊖ Decrease 🕸 New to Portfolio



**Morningstar Category** Morningstar Index 📕 Large Blend

S&P 500 TR USD

Asset Class	Net %	Cat%
US Stocks	89.51	94.84
Non-US Stocks	9.21	2.67
Bonds	0.00	0.87
Cash	1.28	0.53
Other	0.00	1.09
Total	100.00	100.00



### Vanguard Inflation-Protected Secs Adm VAIPX

#### Portfolio Manager(s)

John Madziyire since 11-2021

#### **Quantitative Screens**

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

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

Style Consistency is not calculated for Fixed Income funds.

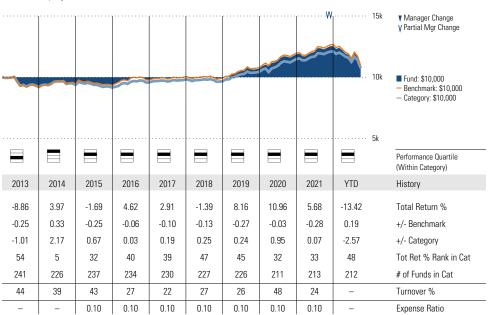
Net Expense: The fund's expense ratio of 0.1 is 83.05% lower than the Inflation-Protected Bond category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022

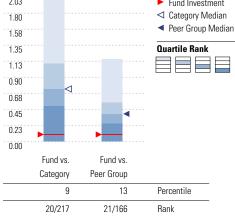


**Morningstar Category** 

Inflation-Protected Bond

#### **Trailing Performance**





38	_	% Rank in Category		
128	-	# of	Funds in Ca	tegory
3-Year Risk N	letrics			
		Fund	Bmark	Cat
Alpha		-0.09	-	0.20
Beta		0.97	-	0.91
R-Squared		99.43	-	88.08
Standard Deviatio	n	6.68	6.87	6.78
Sharpe Ratio		0.04	0.06	0.10
Tracking Error		0.54	-	2.52
Information Ratio		-0.19	-	-0.20
Up Capture Ratio		95.25	-	92.73
Down Capture Rat	tio	96.11	-	90.87
Portfolio Met	rics			

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	7.37	4.52	6.08
Avg Eff Maturity	7.70	-	6.57

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

characteristics.

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Morningstar Index Bloomberg US Treasury US TIPS TR

USD



### Vanguard Inflation-Protected Secs Adm VAIPX

### Style Analysis as of 09-30-2022



Duration

0	50	100

Total	100.00	100.00
Other	0.00	0.95
Cash	0.01	1.40
Bonds	99.99	97.50
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.15
Asset Class	Net %	Cat%

#### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	99.96	0.00	94.89
AA	0.00	99.60	0.55
A	0.00	0.00	1.01
BBB	0.00	0.00	2.40
BB	0.00	0.00	0.41
В	0.00	0.00	0.24
Below B	0.00	0.00	0.11
Not Rated	0.04	0.40	0.39

	Fund	Bmark	Cat	Fund	<ul> <li>Benchmark</li> </ul>	Category Average
Government	99.97	_	89.38			
Treasury	0.00	-	0.32	]		
Inflation – Protected	99.97	-	83.82			
Agency/Quasi Agency	0.00	-	0.03			
Other Government Related	0.00	-	5.21			
Corporate	0.00	-	2.54	10		
Corporate Bond	0.00	-	2.26	10		
Bank Loan	0.00	-	0.18			
Convertible	0.00	-	0.10	]		
Preferred	0.00	-	0.00			
Securitized	0.00	-	4.91			
Agency MBS Pass-Through	0.00	-	0.60	0		
Agency MBS ARM	0.00	-	0.00			
Agency MBS CMO	0.00	-	0.41	0		
Non-Agency Residential MBS	0.00	-	0.24			
Commercial MBS	0.00	-	0.84	0		
Asset-Backed	0.00	-	2.64	[]		
Covered Bond	0.00	-	0.18	1		
Municipal	0.00	-	0.02	0		
Cash & Equivalents	0.03	-	2.40			
Other	0.00	-	0.74	(		

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

#### Top 10 Holdings as of 09-30-2022 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector United States Treasury Notes 6.32 6.32 \_ United States Treasury Notes 4.11 10.44 \_ ⊖ United States Treasury Notes 3.73 14.17 \_ ① United States Treasury Notes 3.54 17.71 \_ ⊕ United States Treasury Notes 3.33 21.04 \_ United States Treasury Notes 3.23 24.27 \_ \_ ⊖ United States Treasury Notes 2.99 27.26 \_ 30.14 United States Treasury Notes 2.88 \_ United States Treasury Notes 2.80 32.94 \_ ⊖ United States Treasury Notes 2.74 35.68 \_

#### Total Holdings 49

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Morningstar Category Blo Inflation-Protected Bond

Morningstar Index Bloomberg US Treasury US TIPS TR USD

### Vanguard Mid Cap Index Admiral VIMAX

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

Management: The fund's management has been in place for 24.38 years.

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

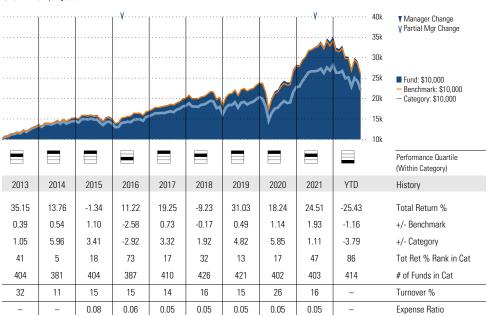
Net Expense: The fund's expense ratio of 0.05 is 94.68% lower than the Mid-Cap Blend category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

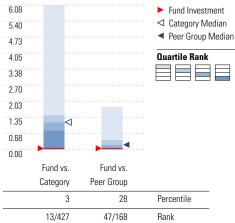
Metric	Rating	Updated
Sustainability Rating	4	08-31-2022
Carbon Risk Score	Medium Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022



#### **Trailing Performance**



ROE



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

Cat Alpha 0.31 0.15 Beta 0.97 0.98 99.56 **R-Squared** 94.20 Standard Deviation 22 73 23 07 22.99 Sharpe Ratio 0.32 0.31 0.30 Tracking Error 1.55 5.52 Information Ratio 0.18 -0.08 Up Capture Ratio 99.01 96.48 Down Capture Ratio 97.92 96.46

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 18 56 14.93 13 39 Price/Book Ratio 2.96 2.43 2.27 Geom Avg Mkt Cap \$B 23 27 15 74 8 75

19.69

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19.06

19.31

Morningstar Index

**Morningstar Category** 

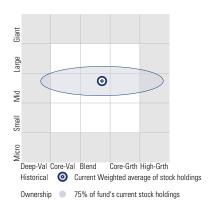
Mid-Cap Blend

Russell Mid Cap TR USD

Growth of \$10,000

### Vanguard Mid Cap Index Admiral VIMAX

Style Analysis as of 09-30-2022 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

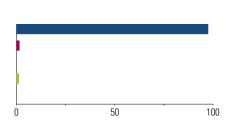
### Top 15 Holdings as of 09-30-2022

Top 13 Holdings as of 03-30-2022				
Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Synopsys Inc	0.89	0.89	-17.09	Technology
$\ominus$ Centene Corp	0.86	1.75	-5.57	Healthcare
eq Cadence Design Systems Inc	0.81	2.57	-12.30	Technology
$\ominus$ Amphenol Corp Class A	0.73	3.30	-22.75	Technology
⇒ IQVIA Holdings Inc	0.72	4.02	-35.80	Healthcare
$\ominus$ Realty Income Corp	0.71	4.73	-15.60	Real Estate
ightarrow Corteva Inc	0.66	5.39	21.79	Basic Materials
∋ Devon Energy Corp	0.66	6.04	45.18	Energy
$\ni$ Motorola Solutions Inc	0.63	6.68	-16.69	Technology
⇒ Welltower OP LLC	0.62	7.30	-22.88	Real Estate
⊖ Enphase Energy Inc	0.61	7.91	51.67	Technology
$\ni$ Microchip Technology Inc	0.61	8.51	-28.95	Technology
$\ominus$ Digital Realty Trust Inc	0.60	9.11	-41.86	Real Estate
€ Slcmt1142	0.60	9.71	-	-
∋ Arthur J. Gallagher & Co	0.60	10.30	1.82	Financial Services

#### Total Holdings 367

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

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Bmark

38.83

4.80

12.03

13 46

8.54

40.85

4.04

5.05

14.89

16.87

20.31

4.00

10.49

5.82

Fund

36.14

4.84

9.65

11.40

10.25

40.97

4.28

5.31

12.09

19.29

22.91

4.16

12.15

6.60

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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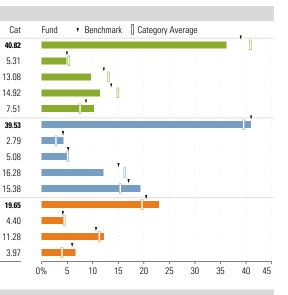
Energy

¢

F

Utilities

#### Asset Class Net % Cat% US Stocks 97.44 95.83 Non-US Stocks 1.41 1.74 Bonds 0.00 0.00 Cash 1.15 1.84 0.00 Other 0.60 Total 100.00 100.00





Morningstar Category Morningstar Index Mid-Cap Blend

Russell Mid Cap TR USD

### Vanguard Target Retirement 2020 Fund VTWNX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

*Management:* The fund's management has been in place for 9.61 years.

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

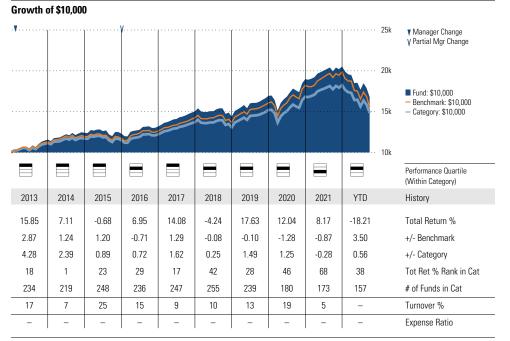
Net Expense: The fund's expense ratio of 0.08 is 87.1% lower than the Target-Date 2020 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
ESG Commitment	1-Low	02-15-2022

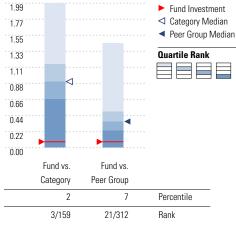


Morningstar Category

Target-Date 2020

#### **Trailing Performance**





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

Cat Alpha 0.94 0.49 0.90 0.91 Beta 98.34 **R-Squared** 96.55 Standard Deviation 10.98 12.06 11.16 Sharpe Ratio 0.10 0.02 0.06 Tracking Error 1.83 2.40 Information Ratio 0.54 0.26 Up Capture Ratio 92.96 91.63 Down Capture Ratio 87.00 88.58

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.53	14.18	14.40
Price/Book Ratio	2.29	2.10	2.20
Avg Eff Duration	6.19	-	5.74

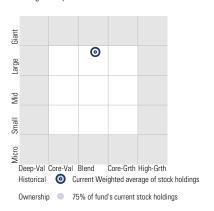
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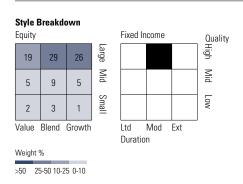


Morningstar Index Morningstar Lifetime Mod 2020 TR USD

# Vanguard Target Retirement 2020 Fund VTWNX

**Style Analysis** as of 09-30-2022 Morningstar Style Box<sup>™</sup>





# 

Other		
Other	0.50	8.25
Cash	3.13	2.84
Bonds	53.01	49.67
Non-US Stocks	16.96	14.05
US Stocks	26.39	25.18
Asset Class	Net %	Cat%

Morningstar Category

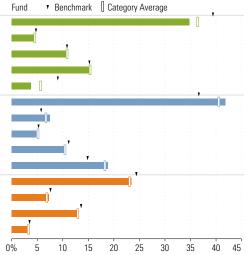
Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat	Fund
Դ	Cyclical	34.77	39.26	36.39	
æ.	Basic Materials	4.74	4.61	4.53	
A	Consumer Cyclical	10.77	10.69	10.84	
<b>"</b>	Financial Services	15.47	15.07	15.35	
ŵ	Real Estate	3.79	8.89	5.67	
w	Sensitive	41.83	36.49	40.53	
d	Communication Services	7.47	5.63	6.70	
0	Energy	4.86	5.12	5.15	
Ø	Industrials	10.66	11.02	10.43	
	Technology	18.84	14.72	18.25	
	Defensive	23.40	24.26	23.08	
F	Consumer Defensive	7.31	7.45	6.88	
٠	Healthcare	12.95	13.45	12.94	
9	Utilities	3.14	3.36	3.26	



### Top 7 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	_	30.43	30.43	-	_
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	-	26.82	57.25	_	-
$\oplus$ Vanguard Total Intl Stock Index Inv	-	17.38	74.63	_	-
⊖ Vanguard Total Intl Bd II Idx Insl	-	13.73	88.36	_	-
igodot Vanguard Shrt-Term Infl-Prot Sec Idx Adm	_	10.29	98.65	-	-
⊕ Mktliq 12/31/2049	-	1.28	99.93	-	-
🕀 Us Dollar	-	0.07	100.00	_	-

#### Total Holdings 7

 $\oplus$  Increase  $\ominus$  Decrease R New to Portfolio



### Vanguard Target Retirement 2025 Fund VTTVX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 9.61 years.

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

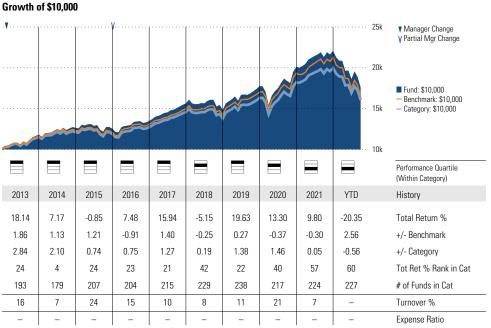
Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2025 category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

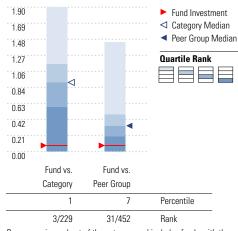


Morningstar Category

Target-Date 2025

#### **Trailing Performance**





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

Fund Bmark Cat Alpha 0.75 1.11 0.91 Beta 0.96 98.69 **R-Squared** 97.24 Standard Deviation 12 78 13 21 12 18 Sharpe Ratio 0.12 0.04 0.09 Tracking Error 1.55 2.51 Information Ratio 0.73 0.39 Up Capture Ratio 100.04 93.65 Down Capture Ratio 93.74 89.36

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 15 52 14 04 14.57 Price/Book Ratio 2.29 2.08 2.25 Avg Eff Duration 671 6 68

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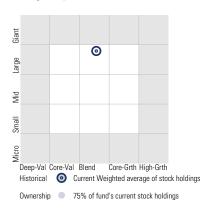


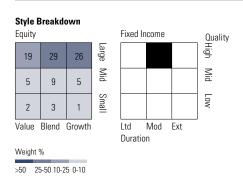
Morningstar Index Morningstar Lifetime Mod 2025 TR

USD

# Vanguard Target Retirement 2025 Fund VTTVX

**Style Analysis** as of 09-30-2022 Morningstar Style Box<sup>™</sup>





# 

0.45	11.77
2.74	3.36
42.02	38.70
21.49	15.10
33.30	31.08
Net %	Cat%
	33.30 21.49 42.02

Morningstar Category

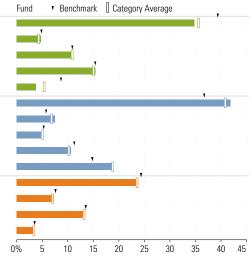
Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat
Դ	Cyclical	34.81	39.22	35.59
æ.	Basic Materials	4.76	4.70	4.30
	Consumer Cyclical	10.78	10.75	10.86
ц.	Financial Services	15.46	15.23	15.05
ŵ	Real Estate	3.81	8.54	5.38
w	Sensitive	41.80	36.56	40.84
g	Communication Services	7.47	5.62	6.82
0	Energy	4.85	5.15	5.02
¢	Industrials	10.65	11.13	10.22
	Technology	18.83	14.66	18.78
	Defensive	23.39	24.21	23.57
F	Consumer Defensive	7.30	7.46	7.02
٠	Healthcare	12.94	13.38	13.19
Ç	Utilities	3.15	3.37	3.36
-				



#### Top 7 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	_	33.84	33.84	_	-
$\ni$ Vanguard Total Bond Market II Idx Inv	-	27.56	61.40	-	-
$\oplus$ Vanguard Total Intl Stock Index Inv	-	22.02	83.42	-	-
$\ni$ Vanguard Total Intl Bd II Idx Insl	-	12.32	95.74	-	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	3.08	98.82	-	-
€ Mktliq 12/31/2049	_	1.16	99.99	-	-
🕀 Us Dollar	_	0.01	100.00	_	_

#### Total Holdings 7

 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio



### Vanguard Target Retirement 2030 Fund VTHRX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 9.61 years.

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

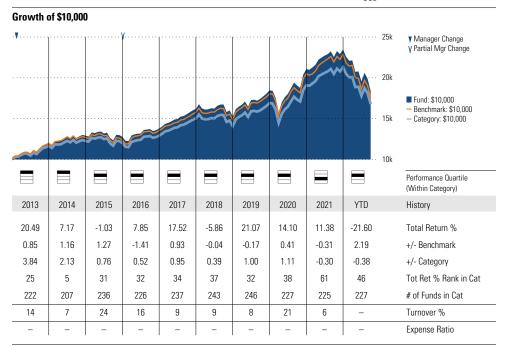
Net Expense: The fund's expense ratio of 0.08 is 88.24% lower than the Target-Date 2030 category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

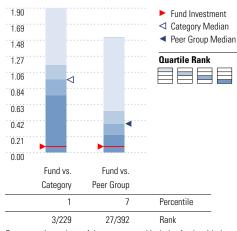


Morningstar Category

Target-Date 2030

#### **Trailing Performance**





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

Fund Bmark Cat Alpha 1.16 1.01 0.96 0.94 Beta **R-Squared** 99.18 98.16 Standard Deviation 14 11 14 65 13.83 Sharpe Ratio 0.15 0.07 0.14 Tracking Error 1.41 2.26 Information Ratio 0.84 0.53 Up Capture Ratio 100.00 97.46 94.04 92.27 Down Capture Ratio

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.50	13.89	14.73
Price/Book Ratio	2.29	2.05	2.30
Avg Eff Duration	7.02	_	6.88

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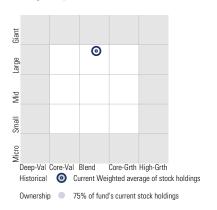


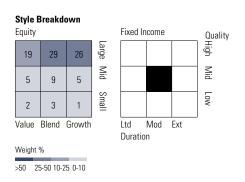
Morningstar Index Morningstar Lifetime Mod 2030 TR USD

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## Vanguard Target Retirement 2030 Fund VTHRX

Style Analysis as of 09-30-2022 Morningstar Style Box™





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Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

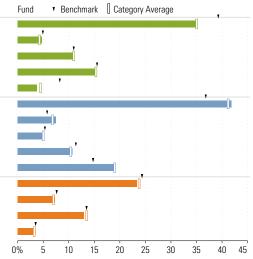
Total	100.00	100.00
Other	0.39	10.37
Cash	2.69	2.22
Bonds	34.01	30.40
Non-US Stocks	24.81	18.16
US Stocks	38.10	38.85
Asset Class	Net %	Cat%

**Morningstar Category** 

Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

#### Fund Bmark Cat Դ Cyclical 34.82 35.03 39.12 ÷. **Basic Materials** 4.77 4.79 4.27 A **Consumer Cyclical** 10.78 10.83 10.97 **L Financial Services** 15.48 15.40 15.31 ŵ Real Estate 3.79 8.10 4.48 Sensitive ~ 41.79 36.68 41.20 đ **Communication Services** 7.46 5.62 6.83 Energy 4.86 5.19 5.00 ¢ Industrials 10.67 11.25 10.38 18.80 14.62 Technology 18.99 23.39 24.20 23.77 Defensive **Consumer Defensive** 7.32 7.49 7.01 Healthcare 12.93 13.34 13.51 Utilities 3.14 3.37 3.25



#### Top 6 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	-	38.71	38.71	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	25.43	64.13	_	-
igodoldoldoldoldoldoldoldoldoldoldoldoldol	-	23.97	88.10	_	-
⊖ Vanguard Total Intl Bd II Idx Insl	-	10.71	98.81	_	-
① Mktliq 12/31/2049	-	1.18	99.99	-	-
🕀 Us Dollar	-	0.01	100.00	-	-

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2035 Fund VTTHX

#### Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 9.61 years.

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

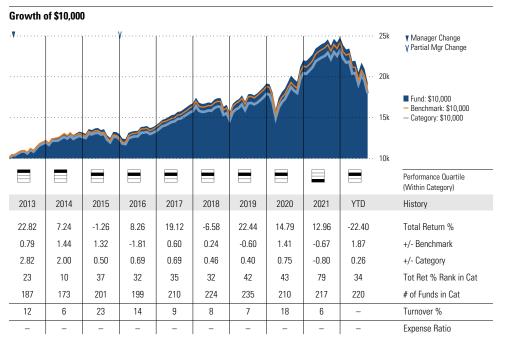
Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2035 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

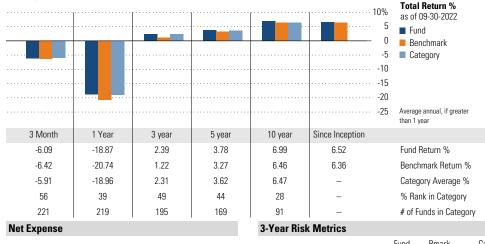
Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

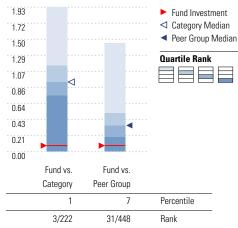


Morningstar Category

Target-Date 2035

#### **Trailing Performance**





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

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.15	-	1.12
Beta	0.94	-	0.96
R-Squared	99.42	-	98.55
Standard Deviation	15.35	16.24	15.63
Sharpe Ratio	0.19	0.12	0.18
Tracking Error	1.50	-	2.15
Information Ratio	0.78	-	0.61
Up Capture Ratio	97.84	-	99.42
Down Capture Ratio	92.49	-	94.36

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.49	13.74	14.52
Price/Book Ratio	2.28	2.03	2.26
Avg Eff Duration	7.02	-	7.30

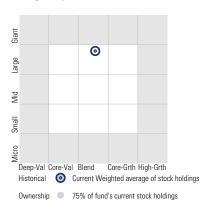
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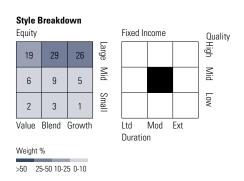


Morningstar Index Morningstar Lifetime Mod 2035 TR USD

# Vanguard Target Retirement 2035 Fund VTTHX

**Style Analysis** as of 09-30-2022 Morningstar Style Box™





# 

2.82 0.32	2.49 10.99
2.82	2.49
26.89	20.13
27.73	22.05
42.24	44.34
Net %	Cat%
	42.24 27.73

Morningstar Category

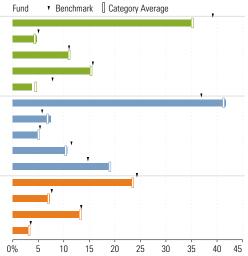
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat
Դ	Cyclical	34.85	39.03	35.22
æ.	Basic Materials	4.77	4.91	4.32
A	Consumer Cyclical	10.78	10.90	11.05
<b>a</b>	Financial Services	15.50	15.56	15.35
ħ	Real Estate	3.80	7.66	4.50
w,	Sensitive	41.78	36.79	41.27
	Communication Services	7.46	5.63	6.82
•	Energy	4.86	5.21	5.05
¢	Industrials	10.68	11.36	10.38
	Technology	18.78	14.59	19.02
-	Defensive	23.37	24.18	23.51
F	Consumer Defensive	7.31	7.51	7.01
٠	Healthcare	12.92	13.28	13.28
2	Utilities	3.14	3.39	3.22



#### Top 6 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	42.92	42.92	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	28.42	71.33	-	-
$\ominus$ Vanguard Total Bond Market II ldx Inv	-	18.94	90.27	-	-
$\ominus$ Vanguard Total Intl Bd II Idx Insl	-	8.48	98.75	-	-
⊕ Mktliq 12/31/2049	-	1.24	99.98	-	-
🕀 Us Dollar	_	0.02	100.00	_	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2040 Fund VFORX

Portfolio Manager(s)

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

#### Quantitative Screens

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

Management: The fund's management has been in place for 9.61 years.

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

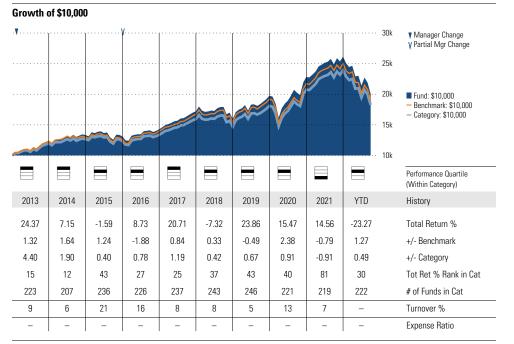
Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2040 category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

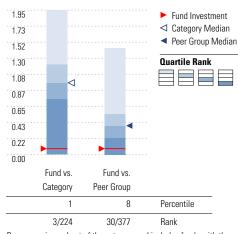


Morningstar Category

Target-Date 2040

#### **Trailing Performance**





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

Fund Bmark Cat Alpha 1.13 0.99 0.94 0.96 Beta \_ 99.37 **R-Squared** 98.62 Standard Deviation 16 61 17 64 16.98 Sharpe Ratio 0.22 0 15 0.21 Tracking Error 1.70 2.22 Information Ratio 0.66 0.52 Up Capture Ratio 97.42 99.30 92.61 95.19 Down Capture Ratio

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.49	13.60	14.46
Price/Book Ratio	2.28	2.01	2.23
Avg Eff Duration	7.02	-	7.75

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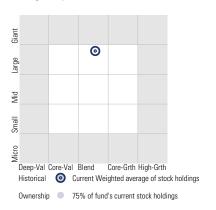


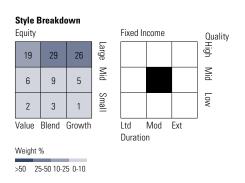
Morningstar Index Morningstar Lifetime Mod 2040 TR



## Vanguard Target Retirement 2040 Fund VFORX

**Style Analysis** as of 09-30-2022 Morningstar Style Box™





# 

Outor		
Other	0.24	9.14
Cash	2.92	1.94
Bonds	19.72	12.64
Non-US Stocks	30.55	25.79
US Stocks	46.57	50.48
Asset Class	Net %	Cat%

Morningstar Category

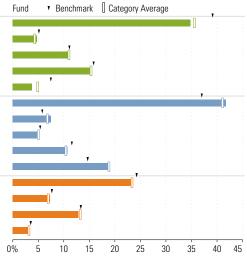
Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat	Fu
Դ	Cyclical	34.84	38.99	35.56	
æ.	Basic Materials	4.77	5.00	4.31	
	Consumer Cyclical	10.78	10.96	11.01	
ц.	Financial Services	15.49	15.70	15.33	
ŵ	Real Estate	3.80	7.33	4.91	
w	Sensitive	41.78	36.87	41.07	
	Communication Services	7.46	5.65	6.79	
0	Energy	4.86	5.24	5.03	
¢	Industrials	10.68	11.44	10.41	
	Technology	18.78	14.54	18.84	
	Defensive	23.38	24.12	23.36	
F	Consumer Defensive	7.32	7.53	6.96	
٠	Healthcare	12.91	13.20	13.22	
9	Utilities	3.15	3.39	3.18	
					~~~



#### Top 6 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	_	47.32	47.32	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	31.31	78.62	-	-
$\ominus$ Vanguard Total Bond Market II ldx Inv	-	13.91	92.53	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	6.19	98.72	-	-
① Mktliq 12/31/2049	-	1.28	100.00	-	-
🕀 Us Dollar	_	0.00	100.00	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2045 Fund VTIVX

Portfolio Manager(s)

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

#### Quantitative Screens

*Performance:* The fund has finished in the Target-Date 2045 category's top three quartiles in 10 of the 10 years it's been in existence.

Management: The fund's management has been in place for 9.61 years.

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

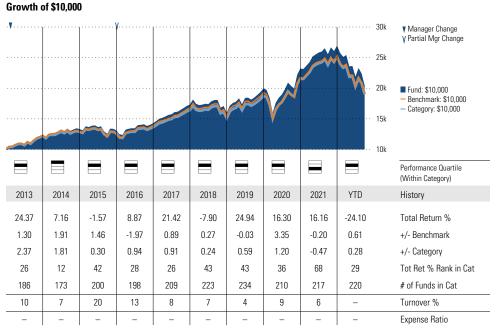
Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2045 category average.

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

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

#### **ESG Metrics**

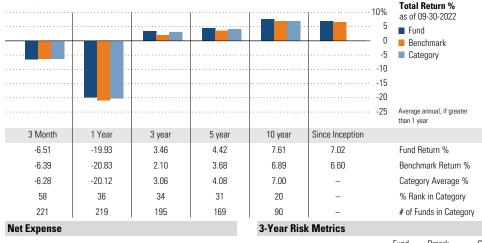
Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

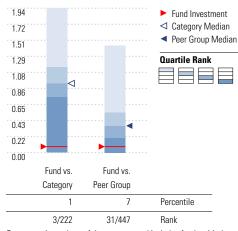


Morningstar Category

Target-Date 2045

#### **Trailing Performance**





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

Fund Bmark Cat Alpha 1.34 0.94 0.96 0.96 Beta 99.29 **R-Squared** 98.56 Standard Deviation 17 88 18 49 17 85 Sharpe Ratio 0.24 0 17 0.22 Tracking Error 1.65 2.27 Information Ratio 0.82 0.46 Up Capture Ratio 100.58 99.60 Down Capture Ratio 95.21 95.92

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.50	13.48	14.46
Price/Book Ratio	2.29	1.98	2.22
Avg Eff Duration	7.03	-	8.50

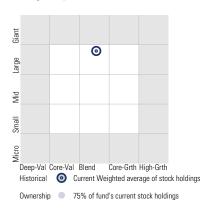
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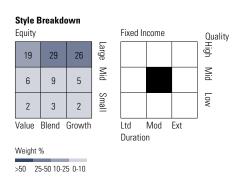


Morningstar Index Morningstar Lifetime Mod 2045 TR USD

## Vanguard Target Retirement 2045 Fund VTIVX

**Style Analysis** as of 09-30-2022 Morningstar Style Box™





# 

Other	0.16	9.50
Cash	3.05	2.06
Bonds	12.46	7.20
Non-US Stocks	33.31	27.82
US Stocks	51.01	53.41
Asset Class	Net %	Cat%

Morningstar Category

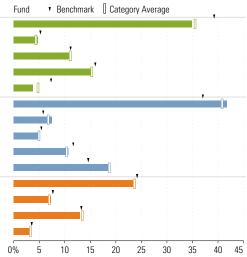
Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat	Func
Դ	Cyclical	34.86	39.10	35.50	
Å.	Basic Materials	4.77	5.09	4.35	
A	Consumer Cyclical	10.79	11.00	11.10	
ц <u>е</u>	Financial Services	15.49	15.83	15.29	
ŵ	Real Estate	3.81	7.18	4.76	
w,	Sensitive	41.78	36.89	40.81	
d	Communication Services	7.46	5.64	6.77	
0	Energy	4.86	5.27	4.95	
¢	Industrials	10.67	11.52	10.38	
	Technology	18.79	14.46	18.71	
-	Defensive	23.37	24.02	23.68	
F	Consumer Defensive	7.31	7.53	6.98	
٠	Healthcare	12.92	13.10	13.43	
9	Utilities	3.14	3.39	3.27	



#### Top 6 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	-	51.83	51.83	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	34.14	85.97	_	-
igodoldoldoldoldoldoldoldoldoldoldoldoldol	-	8.72	94.69	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	3.98	98.67	_	-
⊕ Mktliq 12/31/2049	-	1.30	99.97	-	-
🕀 Us Dollar	_	0.03	100.00	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2050 Fund VFIFX

Portfolio Manager(s)

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

#### Quantitative Screens

*Performance:* The fund has finished in the Target-Date 2050 category's top three quartiles in 10 of the 10 years it's been in existence.

*Management:* The fund's management has been in place for 9.61 years.

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

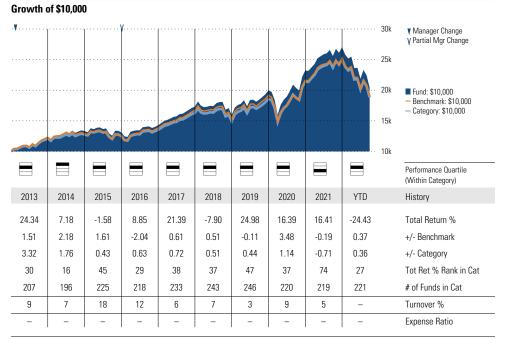
Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2050 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

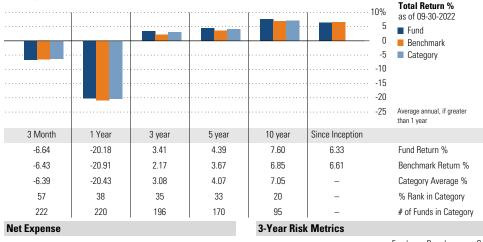
Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

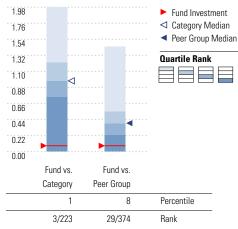


Morningstar Category

Target-Date 2050

#### **Trailing Performance**





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

Fund Bmark Cat Alpha 1.24 0.88 0.95 0.96 Beta 99.21 **R-Squared** 98.48 Standard Deviation 18 01 18 81 18 21 Sharpe Ratio 0.24 0 17 0.22 Tracking Error 1.82 2.30 Information Ratio 0.68 0.40 Up Capture Ratio 99.71 99.91 Down Capture Ratio 94.84 96.52

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.49	13.38	14.44
Price/Book Ratio	2.28	1.96	2.21
Avg Eff Duration	7.03	-	8.14

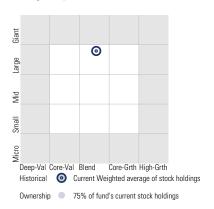
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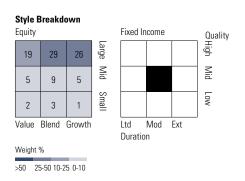


Morningstar Index Morningstar Lifetime Mod 2050 TR USD

# Vanguard Target Retirement 2050 Fund VFIFX

**Style Analysis** as of 09-30-2022 Morningstar Style Box<sup>™</sup>





# 

3.03 0.13	2.07 8.36
3.03	2.07
9.51	4.93
34.61	28.97
52.72	55.67
Net %	Cat%
	52.72 34.61

Morningstar Category

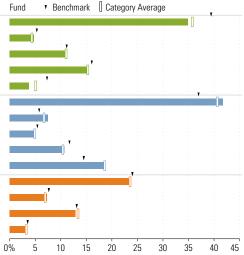
Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

#### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat	Fund	۲	Ben
Դ	Cyclical	34.85	39.29	35.76			
æ.	Basic Materials	4.78	5.17	4.35			
A	Consumer Cyclical	10.78	11.02	11.04			
цů	Financial Services	15.49	15.93	15.30			
ŵ	Real Estate	3.80	7.17	5.07		0	
w,	Sensitive	41.77	36.83	40.66			
	Communication Services	7.45	5.63	6.72			
•	Energy	4.86	5.28	4.92		]	
¢	Industrials	10.68	11.56	10.41			]
	Technology	18.78	14.36	18.61			
<b>→</b>	Defensive	23.38	23.88	23.56			_
1	Consumer Defensive	7.32	7.52	6.95			
٠	Healthcare	12.91	12.98	13.37			
9	Utilities	3.15	3.38	3.24			
						i	



#### Top 6 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	-	53.56	53.56	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.47	89.03	_	-
$\ominus$ Vanguard Total Bond Market II ldx Inv	-	6.64	95.67	_	-
$\ominus$ Vanguard Total Intl Bd II ldx Insl	-	3.06	98.73	-	-
① Mktliq 12/31/2049	-	1.25	99.97	-	-
🕀 Us Dollar	-	0.03	100.00	-	-

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2055 Fund VFFVX

Portfolio Manager(s)

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

#### Quantitative Screens

*Performance:* The fund has finished in the Target-Date 2055 category's top three quartiles in 9 of the 10 years it's been in existence.

Management: The fund's management has been in place for 9.61 years.

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

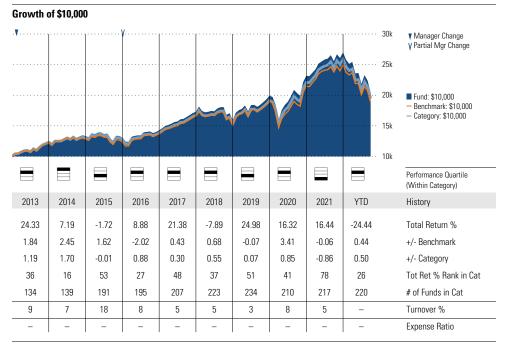
Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2055 category average.

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

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

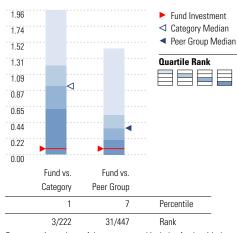


Morningstar Category

Target-Date 2055

#### **Trailing Performance**





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

Fund Bmark Cat Alpha 1.28 0.99 0.95 0.96 Beta \_ **R-Squared** 99.16 98.42 Standard Deviation 18 02 18 89 18.35 Sharpe Ratio 0.24 0 17 0.22 Tracking Error 1.91 2.32 Information Ratio 0.67 0.45 Up Capture Ratio 99.50 100.59 Down Capture Ratio 94.48 96.81

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.48	13.28	14.32
Price/Book Ratio	2.28	1.94	2.18
Avg Eff Duration	7.03	-	9.37

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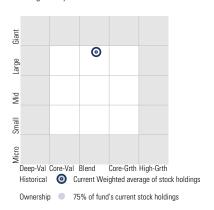


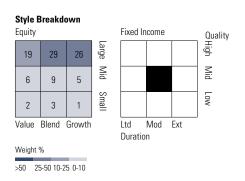
Morningstar Index Morningstar Lifetime Mod 2055 TR

USD

# Vanguard Target Retirement 2055 Fund VFFVX

**Style Analysis** as of 09-30-2022 Morningstar Style Box™





# 

Other	0.13	6.72
Cash	3.01	1.44
Bonds	9.45	4.46
Non-US Stocks	34.74	31.43
US Stocks	52.66	55.94
Asset Class	Net %	Cat%

Morningstar Category

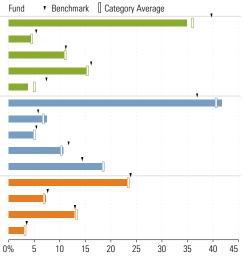
Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

### Sector Weighting as of 09-30-2022

Asset Allocation as of 09-30-2022

		Fund	Bmark	Cat	Fund	۲	Ben
Դ	Cyclical	34.86	39.55	35.99			
æ.	Basic Materials	4.78	5.25	4.52			
4	Consumer Cyclical	10.78	11.04	11.05			
<b>N</b>	Financial Services	15.50	16.01	15.39			
ŵ	Real Estate	3.80	7.25	5.03		0	
w,	Sensitive	41.76	36.75	40.60			
	Communication Services	7.46	5.63	6.77			
0	Energy	4.86	5.28	5.02		0	
¢	Industrials	10.68	11.59	10.32			-0
	Technology	18.76	14.25	18.49			
<b>→</b>	Defensive	23.37	23.72	23.40			
F	Consumer Defensive	7.32	7.50	6.93			
٠	Healthcare	12.91	12.84	13.27	_		
9	Utilities	3.14	3.38	3.20			
						-	



#### Top 6 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx InstI PIs	_	53.50	53.50	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.61	89.11	_	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.60	95.71	_	-
$\ominus$ Vanguard Total Intl Bd II ldx Insl	-	3.03	98.74	_	-
⊕ Mktliq 12/31/2049	-	1.24	99.99	-	-
⊖ Us Dollar	_	0.01	100.00	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2060 Fund VTTSX

#### Portfolio Manager(s)

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

#### Quantitative Screens

Performance: The fund has finished in the Target-Date 2060 category's top three quartiles in 9 of the 10 years it's been in existence.

*Management:* The fund's management has been in place for 9.61 years.

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

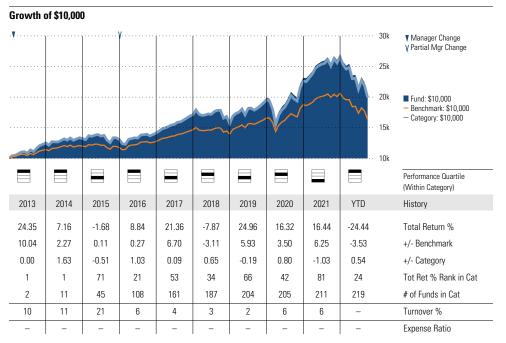
Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2060 category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

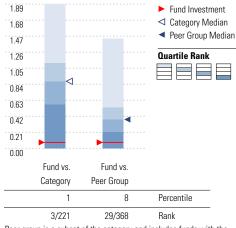


Morningstar Category

Target-Date 2060

#### **Trailing Performance**





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

Cat Alpha 2.25 1.99 1.36 1 39 Beta 98.80 **R-Squared** 97.78 Standard Deviation 17 99 13 18 18 48 Sharpe Ratio 0.24 0 10 0.22 Tracking Error 5.10 5.82 Information Ratio 0.44 0.34 Up Capture Ratio 145.56 148.24 Down Capture Ratio 133.96 138.30

# Fund Bmark Cat Price/Earnings Ratio 15.47 13.15 14.41 Price/Book Ratio 2.28 1.92 2.22 Avg Eff Duration 7.02 — 7.31

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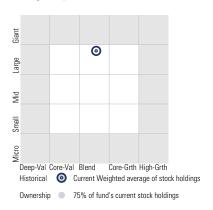


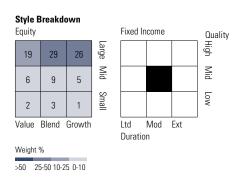
Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Vanguard Target Retirement 2060 Fund VTTSX

Style Analysis as of 09-30-2022 Morningstar Style Box™





# 50 100 0

Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

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Energy

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Utilities

Cyclical

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

	0.15	4.03
Other	0.13	4.89
Cash	3.15	2.21
Bonds	9.32	4.49
Non-US Stocks	34.87	31.93
US Stocks	52.53	56.48
Asset Class	Net %	Cat%

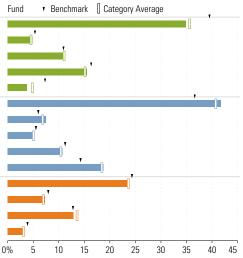
**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

**Morningstar Category** 

Target-Date 2060

#### Bmark Cat Fund 34.89 39.36 35.61 Basic Materials 4.80 5.20 4.57 Consumer Cyclical 10.78 10.78 11.04 Financial Services 15.51 16 20 15.14 3.80 7.18 4.86 41.75 36.47 40.72 **Communication Services** 7.46 5.85 6.85 5.04 4.86 5.39 10.68 11.11 10.40 18.75 14.12 18.43 23.36 24.18 23.66 **Consumer Defensive** 7.32 7.80 6.98 12.90 12.64 13.58 3.14 3.74 3.10 10 0% 5



#### Top 6 Holdings as of 09-30-2022

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	_	53.37	53.37	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.74	89.11	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.54	95.65	-	-
$\ominus$ Vanguard Total Intl Bd II Idx Insl	-	2.96	98.62	-	-
⊕ Mktliq 12/31/2049	-	1.36	99.97	-	-
🕀 Us Dollar	_	0.03	100.00	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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### Vanguard Target Retirement 2065 Fund VLXVX

### Portfolio Manager(s)

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

#### Quantitative Screens

× *Performance:* The fund has finished in the Target-Date 2065+ category's top three quartiles in 3 of the 5 years it's been in existence.

*Management:* The fund's management has been in place for 5.22 years.

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

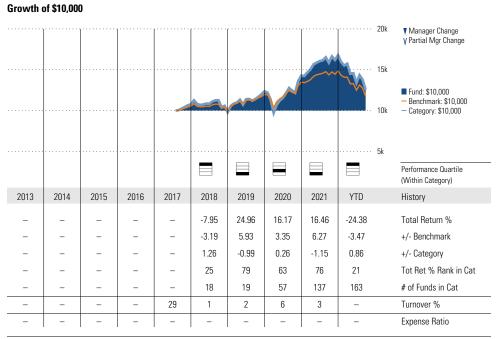
Net Expense: The fund's expense ratio of 0.08 is 88.41% lower than the Target-Date 2065+ category average.

#### Morningstar Investment Management LLC Analysis

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	08-31-2022
Carbon Risk Score	Low Risk	06-30-2022
ESG Commitment	1-Low	02-15-2022

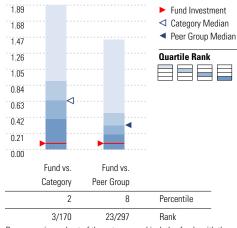


**Morningstar Category** 

Target-Date 2065+

#### **Trailing Performance**





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

Cat Alpha 2.23 2.06 Beta 1.36 1 4 1 **R-Squared** 98.78 98.01 Standard Deviation 18 01 13 18 18 72 Sharpe Ratio 0.24 0 10 0.22 Tracking Error 5.12 5.97 Information Ratio 0.44 0.34 Up Capture Ratio 145.61 149.85 Down Capture Ratio 134.11 139.56

# Fund Bmark Cat Price/Earnings Ratio 15.47 13.15 13.99 Price/Book Ratio 2.28 1.92 2.14 Avg Eff Duration 7.03 8.22

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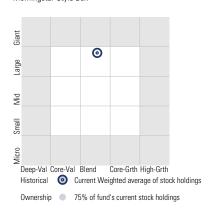


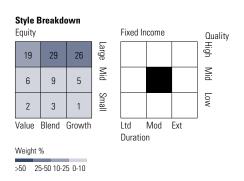
Morningstar Index

Morningstar Mod Tgt Risk TR USD

### Vanguard Target Retirement 2065 Fund VLXVX

**Style Analysis** as of 09-30-2022 Morningstar Style Box™





Asset Allocation as of 09-30-2022

Sector Weighting as of 09-30-2022

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

€ Cyclical

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Energy

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Utilities



Bmark

39.36

5.20

10.78

16 20

7.18

36.47

5.85

5.39

11.11

14.12

24.18

7.80

12.64

3.74

Fund

34.88

4.79

10.79

15.51

3.79

41.75

7.45

4.87

10.68

18.75

23.36

7.31

12.91

3.14

#### Asset Class Net % Cat% US Stocks 52.64 53.41 Non-US Stocks 34.86 32.54 Bonds 9.23 7.00 Cash 3.14 2.40 Other 0.13 4.65 Total 100.00 100.00

Morningstar Index

Morningstar Mod Tgt Risk TR USD

**Morningstar Category** 

Target-Date 2065+

#### Benchmark [] Category Average Cat Fund 35.55 4.71 11.15 15.31 4.38 41.47 6.96 5.14 10.65 18.72 22.97 7.13 12.79 3.05 10 15 20 25 30 35 40 45 0% 5

#### Top 6 Holdings as of 09-30-2022

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	53.48	53.48	_	_
-	35.73	89.21	_	-
-	6.40	95.62	_	-
-	3.00	98.62	-	-
-	1.35	99.97	-	-
-	0.03	100.00	-	-
	- - - - -	- 53.48 - 35.73 - 6.40 - 3.00 - 1.35	- 53.48 53.48 - 35.73 89.21 - 6.40 95.62 - 3.00 98.62 - 1.35 99.97	- 53.48 53.48 - - 35.73 89.21 - - 6.40 95.62 - - 3.00 98.62 - - 1.35 99.97 -

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio

