### American Funds American Balanced R6 RLBGX

#### Portfolio Manager(s)

Hilda Applbaum since 01-1999 Alan Berro since 03-2006 Jeffrey Lager since 03-2011 Paul Benjamin since 07-2014 Anne-Marie Peterson since 10-2015 Alan Wilson since 01-2016 John Queen since 07-2016 Pramod Atluri since 03-2018 Mark Casey since 10-2019 Ritchie Tuazon since 10-2020 Chit Purani since 03-2023 Jin Lee since 03-2023

#### Quantitative Screens

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

Management: The fund's management has been in place for 24.76 years.

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

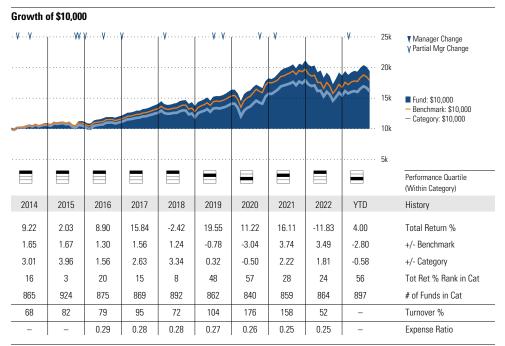
Net Expense: The fund's expense ratio of 0.25 is 75% lower than the Moderate Allocation category average.

### Morningstar Investment Management LLC Analysis

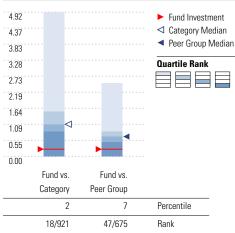
This fund passes all of Morningstar Investment Management's quantitative screens. Morningstar Investment Management has also assessed the fund from a qualitative perspective and, as a fiduciary, is comfortable recommending the fund's use in retirement plans.

### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022







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

Fund Bmark Cat Alpha 1.27 -0.04 0.97 0.98 Beta 96.09 **R-Squared** 94.16 12.04 12.24 Standard Deviation 11 88 Sharpe Ratio 0 27 0 17 0.16 Tracking Error 2 38 2.86 Information Ratio 0.50 -0.13 Up Capture Ratio 105.57 99.51 Down Capture Ratio 99.20 100.41

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 18 73 19.23 20.37 Price/Book Ratio 3.75 2.95 3.33 Avg Eff Duration 6 67 6 1 2 5 40

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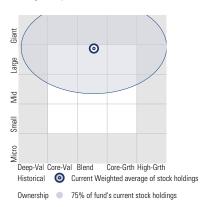
Morningstar Category Morningstar Index

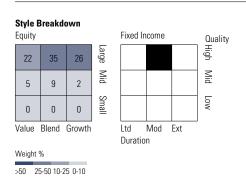
Moderate Allocation

Morningstar US Mod Tgt Alloc NR USD

### American Funds American Balanced R6 RLBGX

Style Analysis as of 09-30-2023 Morningstar Style Box™





# 50 100 0

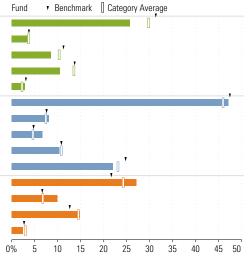
Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

~

#### Asset Class Net % Cat% US Stocks 54.38 48.05 Non-US Stocks 7.64 10.07 Bonds 29.70 34.67 Cash 4.62 3.72 3.65 Other 3.49 Total 100.00 100.00

#### Bmark Cat Fund Դ Cyclical 25.71 31.19 29.77 æ. Basic Materials 3.68 3.60 3.66 Consumer Cyclical 8.56 11.11 10.33 ц. Financial Services 10.54 13.53 13 54 ŵ Real Estate 2.93 2.94 2.25 Sensitive 47.10 47.30 45.97 đ **Communication Services** 8.05 7.43 7.43 Energy 6.72 4.60 4.63 ¢ Industrials 10.34 10.65 10.79 Technology 21.99 24 62 23.12 27.18 21.51 Defensive 24.27 **Consumer Defensive** 9.95 6.50 6.76 Healthcare 14.83 12.47 14.52 Utilities 2.40 2.54 2.99



### Ton 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊕ Capital Group Central Cash Fund	-	10.33	10.33	_	_
娄 Cash And Other Assets Less Liablities	-	5.72	16.05	-	-
⊖ Microsoft Corp	-	4.36	20.41	32.51	Technology
⊖ Cap Grp Cent Fd Ser Ii	-	3.65	24.06	-	-
⊖ Broadcom Inc	-	3.47	27.54	51.02	Technology
$\ominus$ UnitedHealth Group Inc	_	2.03	29.56	-3.88	Healthcare
$\oplus$ Philip Morris International Inc	-	2.01	31.58	-4.73	Consumer Defensive
igodot The Home Depot Inc	-	1.38	32.96	-2.35	Consumer Cyclical
	-	1.21	34.17	48.60	Communication Svc
$\oplus$ Taiwan Semiconductor Manufacturing Co Ltd ADR	-	1.18	35.35	18.48	Technology

### Total Holdings 2324

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



**Morningstar Category** Morningstar Index Moderate Allocation

Morningstar US Mod Tgt Alloc NR USD

### 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				
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 15.01 years.

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

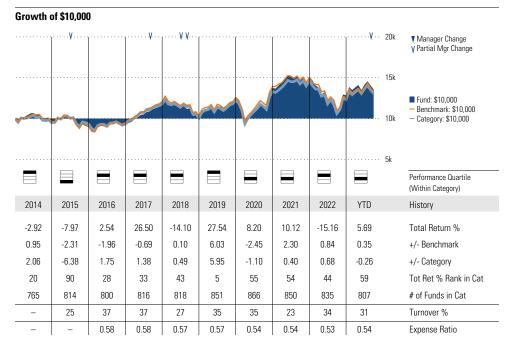
Net Expense: The fund's expense ratio of 0.54 is 37.93% lower than the Foreign Large Blend category average.

#### **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**

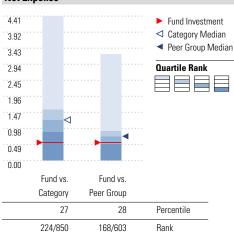
Metric	Rating	Updated
Sustainability Rating	2	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Foreign Large Blend





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 1.75 0.38 1 03 Beta 1 06 \_ 95.95 **R-Squared** 93.49 Standard Deviation 18 67 17 19 18.35 Sharpe Ratio 0.28 0 18 0.20 Tracking Error 3.91 4.70 Information Ratio 0.49 0.11 Up Capture Ratio 110.29 106.23 Down Capture Ratio 103.03 105.46

#### **Portfolio Metrics** Fund Bmark Cat Price/Earnings Ratio 13.60 13 48 14 20 Price/Book Ratio 1.74 1.67 1.88 Geom Avg Mkt Cap \$B 49 84 42 75 56.55

20.60

ROE

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17.72

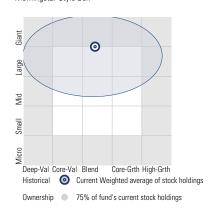
20.14

Morningstar Index

MSCI ACWI Ex USA NR USD

### American Funds Intl Gr and Inc R6 RIGGX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





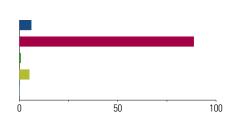


Weight %

<25

>50 25-50 10-25 0-10

### World Regions % Equity 09-30-2023

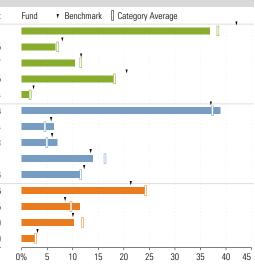


### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	36.85	41.89	38.41
<b>.</b> #.	Basic Materials	6.64	7.82	7.05
	Consumer Cyclical	10.39	11.49	11.57
<b>H</b>	Financial Services	17.94	20.40	18.15
ŵ	Real Estate	1.88	2.18	1.64
V <sup>ar</sup>	Sensitive	38.91	36.89	37.34
đ	Communication Services	6.35	5.62	4.54
0	Energy	6.98	5.82	4.93
¢	Industrials	13.95	13.36	16.31
	Technology	11.63	12.09	11.56
-	Defensive	24.25	21.21	24.25
E	Consumer Defensive	11.39	8.36	9.65
٠	Healthcare	10.19	9.90	11.90
9	Utilities	2.67	2.95	2.70

#### Asset Class Net % Cat% US Stocks 5.91 3.46 Non-US Stocks 88.60 93.89 Bonds 0.49 0.22 Cash 4.92 0.97 Other 0.08 1.45



1	Greater Asia	Fund % 28.86	Cat % 35.08	Americas	Fund % 15.11	Cat % 8.51	Greater Europe	Fund % 56.03	Cat % 56.41	Market Maturity	Fund %
	Japan	8.35	18.59	North America	10.62	7.23	United Kingdom	13.11	13.72	Developed Markets	85.24
	Australasia	0.49	4.86	Central/Latin	4.49	1.28	W euro-ex UK	41.30	41.70	Emerging Markets	14.76
	Asia-4 Tigers	10.67	6.61				Emrgng Europe	0.40	0.07	Not Available	0.00
	Asia-ex 4 Tigers	9.35	5.02				Africa	1.22	0.92		
	Not Classified	0.00	0.00								
	-										

Top 10 Holdings as of 09-30-2023

25-50

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Capital Group Central Cash M	4.56	4.56	_	_
AstraZeneca PLC	3.16	7.72	-	Healthcare
igop Taiwan Semiconductor Manufacturing Co Ltd	2.42	10.14	-	Technology
ASML Holding NV	2.38	12.52	-	Technology
$\ominus$ Novo Nordisk A/S Class B	2.29	14.81	-	Healthcare
Airbus SE	2.23	17.04	-	Industrials
Philip Morris International Inc	2.21	19.24	-4.73	Consumer Defensive
€ TotalEnergies SE	1.77	21.01	-	Energy
LVMH Moet Hennessy Louis Vuitton SE	1.60	22.61	-	Consumer Cyclical
British American Tobacco PLC	1.50	24.10	-	Consumer Defensive

### Total Holdings 273

 $\oplus$  Increase  $\oplus$  Decrease 3 New to Portfolio

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Morningstar Category Foreign Large Blend

Total

Morningstar Index MSCI ACWI Ex USA NR USD

100.00

100.00

### 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

*Q 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 23.02 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 44.44% 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	08-31-2023
ESG Commitment	1-Low	02-15-2022

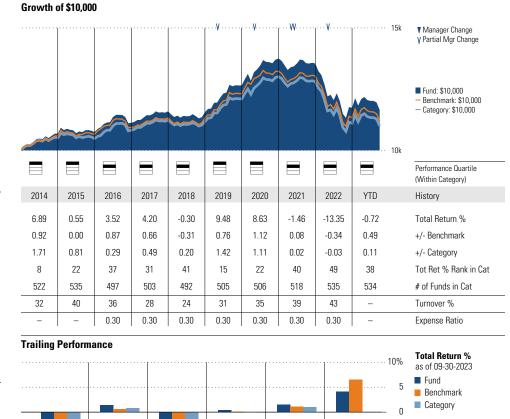


Morningstar Index

Morningstar Category

Intermediate Core Bond

Bloomberg US Agg Bond TR USD

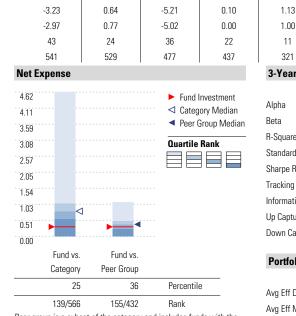


10 veai

1.55

11

321



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 0.25 0.02 0.98 1 01 99.48 **R-Squared** 96.70 6.29 Standard Deviation 6 20 6 18 Sharpe Ratio -1 11 -1.16 -1.15 Tracking Error 0.46 1.01 Information Ratio 0.40 -0.10 Up Capture Ratio 102.72 97.41 99.65 97.57 Down Capture Ratio

-5

-10

Since Inception

4.08

6.50

\_

Average annual, if greater

Benchmark Return %

Category Average %

% Rank in Category

# of Funds in Category

than 1 year

Fund Return %

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.31	4.43	6.10
Avg Eff Maturity	8.44	-	8.47

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3 Month

-3.07

1 Year

1.41

3 year

-5.02

5 year

0.44



### Baird Aggregate Bond Inst BAGIX

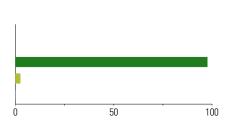
### Style Analysis as of 09-30-2023 Style Breakdown Fixed Income Quality High Mid

5

Ltd Mod Ext

Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	59.70	3.53	56.04
AA	3.80	74.59	8.35
А	13.10	10.82	17.35
BBB	23.20	8.32	15.53
BB	0.20	0.28	1.06
В	0.00	0.00	0.38
Below B	0.00	0.00	0.18
Not Rated	0.00	2.46	1.11



Asset Allocation as of 09-30-2023

#### Asset Class Net % Cat% US Stocks 0.00 0.07 Non-US Stocks 0.00 0.00 Bonds 97.56 95.99 Cash 2.35 2.17 0.09 Other 1.78 Total 100.00 100.00

#### Sector Weighting as of 09-30-2023 Benchmark [] Category Average Fund Bmark Cat Fund Government 21.77 35.96 21.77 27.66 Treasurv \_ Inflation - Protected 0.00 2.08 1 0.00 i () Agency/Quasi Agency 1.08 Other Government Related 0.00 5.14 39.03 Corporate 25.61 \_ Corporate Bond 39.03 25.53 Bank Loan 0.00 \_ 0.02 Convertible 0.00 0.00 Preferred 0.00 \_ 0.06 Securitized 35.95 35.02 \_ [ Agency MBS Pass-Through 21.94 27.29 Agency MBS ARM 0.00 0.20 Agency MBS CMO 2.04 1.31 Non-Agency Residential MBS 0.72 0.49 ĨÎ. Commercial MBS 4.84 0.57 ĵ. Asset-Backed 641 5.16 \_ Covered Bond 0.00 0.00 1 Municipal 0.89 \_ 0.83 **Cash & Equivalents** 2.35 1.99 i i i i \_ Other 0.00 \_ 0.57 10 0% 5 10 15 20 25 30 35 40

### Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
① United States Treasury Notes 1.13%	10-2026	3.31	3.31	_
United States Treasury Bonds 2.5%	02-2045	3.13	6.44	-
⊕ First American Government Obligs U	02-2030	2.28	8.71	-
United States Treasury Bonds 2.88%	05-2043	2.27	10.99	-
United States Treasury Notes 1.13%	08-2028	2.24	13.23	-
United States Treasury Bonds 1.38%	11-2040	1.77	15.00	-
United States Treasury Notes 2.38%	03-2029	1.41	16.41	-
United States Treasury Bonds 2.38%	02-2042	1.20	17.61	-
	05-2032	1.04	18.65	-
$\oplus$ United States Treasury Bonds 2.88%	05-2052	1.01	19.66	-

### Total Holdings 1710

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Intermediate Core Bond

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

### Morningstar Category

### 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 11.59 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 72.16% lower than the Small Blend category average.

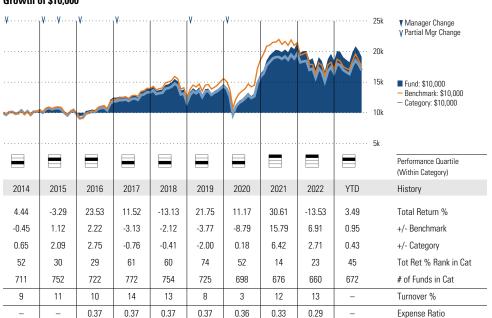
#### Morningstar Investment Management LLC Analysis

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	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022



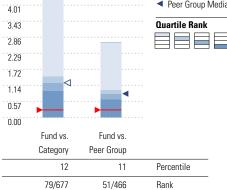


**Morningstar Category** 

Small Blend







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 3.68 0.92 92.78 21 26 Sharpe Ratio 0.66 0.32 0.48 Tracking Error 5.31 5.68 Information Ratio 1.40 0.30 Up Capture Ratio 107.71 100.50 Down Capture Ratio 84.56 89.20 **Portfolio Metrics** Fund Bmark Cat

Morningstar Index

Russell 2000 TR USD

Price/Earnings Ratio	12.98	12.55	13.50
Price/Book Ratio	2.02	1.83	2.36
Geom Avg Mkt Cap \$B	3.00	2.27	4.82
ROE	14.87	8.59	21.32

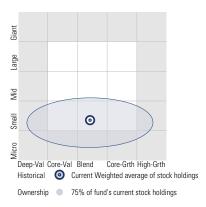
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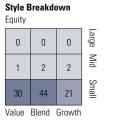


### DFA US Small Cap I DFSTX

### Style Analysis as of 09-30-2023

Morningstar Style Box™





### Weight %

>50 25-50 10-25 0-10

### Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Future on E-mini S&P 500 Futures	1.01	1.01	_	_
Đ Ssc Government Mm Gvmxx	0.96	1.96	_	-
€ Usd	0.37	2.33	_	-
Simpson Manufacturing Co Inc	0.36	2.69	69.86	Basic Materials
∋ Super Micro Computer Inc	0.35	3.04	234.01	Technology
Axcelis Technologies Inc	0.34	3.38	105.46	Technology
Comfort Systems USA Inc	0.33	3.71	48.60	Industrials
UFP Industries Inc	0.31	4.03	30.22	Basic Materials
Saia Inc	0.30	4.33	90.12	Industrials
Novanta Inc	0.30	4.62	5.57	Technology
MSA Safety Inc	0.29	4.92	10.31	Industrials
$\ni$ Murphy USA Inc	0.29	5.21	22.66	Consumer Cyclical
Beacon Roofing Supply Inc Class A	0.29	5.50	46.18	Industrials
AAON Inc	0.29	5.78	13.73	Industrials
Amkor Technology Inc	0.29	6.07	-4.82	Technology

### Total Holdings 1981

🕀 Increase 👄 Decrease 🕸 New to Portfolio

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

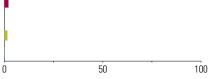
Industrials

Technology

Defensive

Healthcare

Consumer Defensive



Bmark

36.37

4.69

10.54

13.77

7.37

41.25

2.27

7.47

15.52

15.99

22.37

4.12

15.40

2.85

Fund

38.29

5.76

13.96

17.99

0.58

42.65

2.58

5.43

19.71

14.93

19.07

5.27

10.98

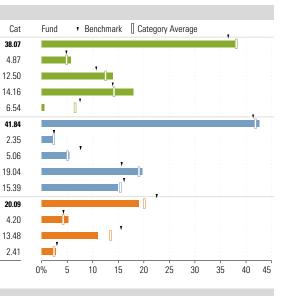
2.82

#### Small Blend Asset Class Net % Cat% US Stocks 96.78 95.81 Non-US Stocks 1.87 2.24 Bonds 0.00 -0.23 Cash 1.32 1.75 0.03 Other 0.44 Total 100.00 100.00

**Morningstar Index** 

Russell 2000 TR USD

**Morningstar Category** 





### 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 7 years it's been in existence.

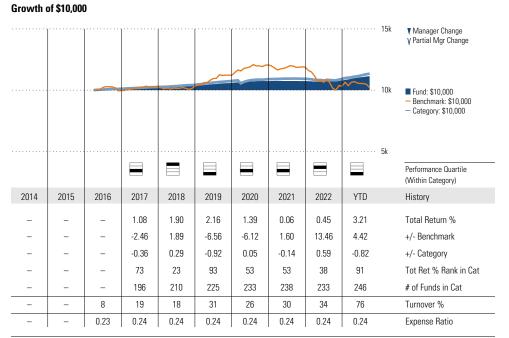
Management: The fund's management has been in place for 26.24 years.

Style Consistency is not calculated for Fixed Income funds.

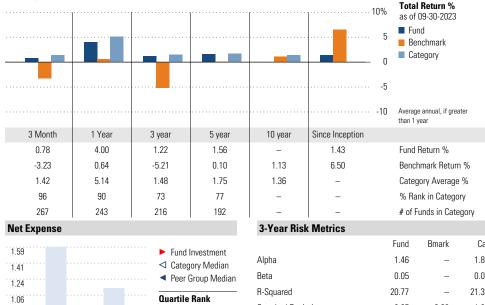
Net Expense: The fund's expense ratio of 0.24 is 42.86% lower than the Ultrashort Bond category average.

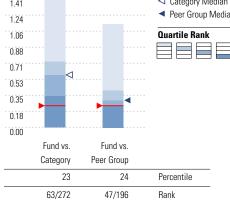
#### **Morningstar Investment Management LLC Analysis**

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.









-	-	% Rank in Category			
-	-	# of Funds in Category			
3-Year Risk	Metrics				
		Fund	Bmark	Cat	
Alpha		1.46	-	1.85	
Beta		0.05	-	0.08	
R-Squared		20.77	-	21.31	
Standard Deviat	tion	0.65	6.20	1.08	
Sharpe Ratio		-2.04	-1.16	-0.98	
Tracking Error		5.93	-	5.82	
Information Rat	io	1.08	-	1.15	
Up Capture Rati	0	10.61	-	15.49	
Down Capture F	latio	-5.49	-	-5.01	
				_	
Portfolio Me	etrics				
		Fund	Dmorle	Cat	

	Fund	Bmark	Cat
Avg Eff Duration	0.48	4.43	0.70
Avg Eff Maturity	5.22	-	1.94

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 Category** Morningstar Index Ultrashort Bond

Bloomberg US Agg Bond TR USD

### Federated Hermes Govt Ultrashort R6 FGULX

### Style Analysis as of 09-30-2023



Duration

1		
· · · · · · · · · · · · · · · · · · ·		
0		4.00
11	50	100
0	00	100

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

	Fund	Bmark	Cat	Fund • Benchmark [] Category Average
Government	2.72	-	24.91	
Treasury	1.48	-	19.27	
Inflation – Protected	0.00	-	0.00	ĺ
Agency/Quasi Agency	1.24	-	3.26	
Other Government Related	0.00	-	2.38	10
Corporate	0.00	-	33.27	I I I I I I I I I I I I I I I I I I I
Corporate Bond	0.00	-	32.65	
Bank Loan	0.00	-	0.59	0
Convertible	0.00	-	0.03	Ū laita kara kara kara kara kara kara kara ka
Preferred	0.00	-	0.00	ĺ l
Securitized	69.59	-	20.86	
Agency MBS Pass-Through	6.77	-	0.17	
Agency MBS ARM	0.09	-	0.24	
Agency MBS CMO	62.73	-	1.72	
Non-Agency Residential MBS	0.00	-	0.06	
Commercial MBS	0.00	-	2.46	I D
Asset-Backed	0.00	-	16.21	
Covered Bond	0.00	-	0.00	
Municipal	0.00	-	0.53	0
Cash & Equivalents	27.69	-	18.81	
Other	0.00	-	1.61	10
				0% 5 10 15 20 25 30 35 40 45 50 55 60 65 70

#### Top 10 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
Bank Of Montreal 4 Repo	07-2023	13.42	13.42	-
🕀 Hsbc Repo 2 Repo	07-2023	13.42	26.84	-
$\oplus$ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.70052%	04-2033	5.51	32.34	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.55052%	12-2032	4.45	36.80	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.60052%	12-2032	4.12	40.91	_
Government National Mortgage Association 5.12871%	01-2073	3.66	44.57	-
$\oplus$ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.71629%	07-2053	3.61	48.18	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.92052%	10-2032	3.11	51.29	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.92052%	11-2032	2.69	53.98	-
$\oplus$ Government National Mortgage Association 6.1%	06-2053	2.58	56.56	-

#### Total Holdings 193

🕀 Increase  $\ominus$  Decrease 🕸 New to Portfolio

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Morningstar Category **Morningstar Index** Ultrashort Bond

Bloomberg US Agg Bond TR USD

Cat%

0.10

0.00

71.51

28.31 0.10

100.00

·	100	Total	100.00
		Other	0.00
		Cash	27.69
		Bonds	72.31
		Non-US Stocks	0.00
		US Stocks	0.00
		Asset Class	Net %

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	100.00	3.53	47.87
AA	0.00	74.59	8.37
A	0.00	10.82	21.90
BBB	0.00	8.32	16.09
BB	0.00	0.28	0.89
В	0.00	0.00	0.42
Below B	0.00	0.00	0.09
Not Rated	0.00	2.46	4.38

### Vanguard 500 Index Admiral VFIAX

### Portfolio Manager(s)

Donald Butler since 04-2016 Michelle Louie since 11-2017 Nick Birkett since 08-2023 Aaron Choi since 08-2023

### Quantitative Screens

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

*Management:* The fund's management has been in place for 7.43 years.

*Q* 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 94.67% lower than the Large Blend category average.

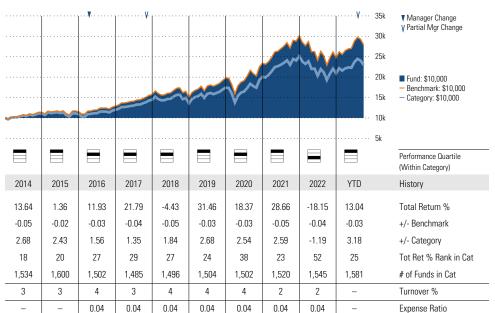
#### **Morningstar Investment Management LLC Analysis**

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**

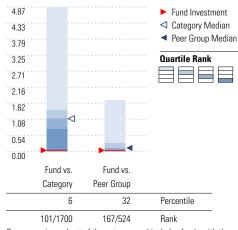
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

Growth of \$10,000



Large Blend





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

984   -	# of Funds in Category			
3-Year Risk Metrics				
	Fund	Bmark	Cat	
Alpha	-0.04	-	-0.66	
Beta	1.00	-	0.95	
R-Squared	100.00	-	94.61	
Standard Deviation	17.85	17.85	17.40	
Sharpe Ratio	0.51	0.52	0.45	
Tracking Error	0.01	-	3.74	
Information Ratio	-4.76	-	-1.15	
Up Capture Ratio	99.93	-	93.16	
Down Capture Ratio	100.07	-	95.77	

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	22.41	22.40	22.25
Price/Book Ratio	3.99	3.98	4.46
Geom Avg Mkt Cap \$B	228.88	228.69	275.77
ROE	30.78	30.76	29.52

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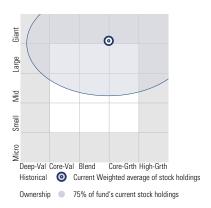


Morningstar Category Morningstar Index

S&P 500 TR USD

### Vanguard 500 Index Admiral VFIAX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™







#### Weight %

>50 25-50 10-25 0-10

### Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
	7.35	7.35	32.32	Technology
€ Microsoft Corp	6.45	13.81	32.51	Technology
€ Amazon.com Inc	3.26	17.07	51.33	Consumer Cyclical
➔ NVIDIA Corp	3.23	20.30	197.74	Technology
	2.14	22.44	48.32	Communication Svc
➔ Alphabet Inc Class C	1.86	24.30	48.60	Communication Svc
🕀 Tesla Inc	1.84	26.14	103.13	Consumer Cyclical
$oldsymbol{eta}$ Meta Platforms Inc Class A	1.73	27.87	149.47	Communication Svc
$oldsymbol{eta}$ Berkshire Hathaway Inc Class B	1.70	29.57	13.40	Financial Services
	1.19	30.76	9.08	Energy
Đ UnitedHealth Group Inc	1.17	31.94	-3.88	Healthcare
$oldsymbol{eta}$ Eli Lilly and Co	1.16	33.10	47.75	Healthcare
m lacksquare JPMorgan Chase & Co	1.13	34.23	10.38	Financial Services
m lacebox Visa Inc Class A	1.05	35.27	11.36	Financial Services
igram Johnson & Johnson	1.03	36.30	-9.84	Healthcare

Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

50

Fund

27.43

2.24

10.78

11.97

2.44

50.40

8.81

4.43

8.28

28 88

22.17

6.52

13.22

2.43

Bmark

27.45

2.23

10.77

12 01

2.44

50.38

8.81

4.42

8.29

28.86

22.17

6.53

13.21

2.43

100

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Energy

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F

Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

### Total Holdings 510

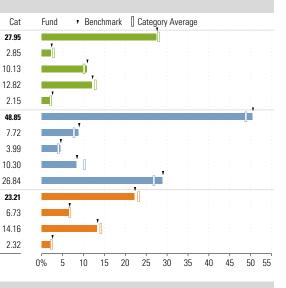
 $\oplus$  Increase  $\oplus$  Decrease R New to Portfolio



 Morningstar Category
 Morningstar Index

 Large Blend
 S&P 500 TR USD

Asset Class	Net %	Cat%
US Stocks	99.09	95.33
Non-US Stocks	0.54	2.48
Bonds	0.00	0.15
Cash	0.37	0.71
Other	0.00	1.34
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 7 of the 10 years it's been in existence.

*Management:* The fund's management has been in place for 17.67 years.

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

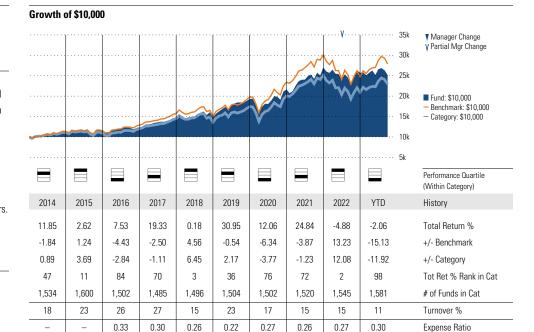
Net Expense: The fund's expense ratio of 0.3 is 60% lower than the Large Blend category average.

### 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**

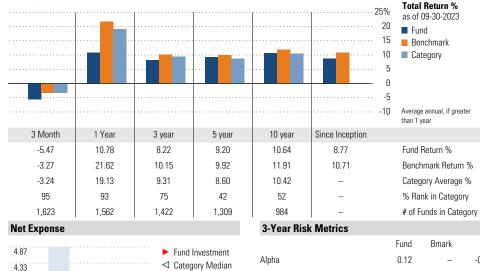
Metric	Rating	Updated
Sustainability Rating	4	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

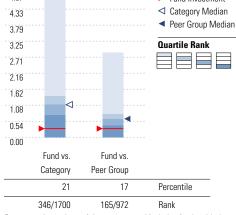


**Morningstar Category** 

Large Blend







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 -0.66 0.80 0.95 Beta **R-Squared** 81.06 94.61 Standard Deviation 15.88 17 85 17 40 Sharpe Ratio 0.44 0 52 0.45 Tracking Error 7.77 3.74 Information Ratio -0.25 -1.15 Up Capture Ratio 81.42 93.16 Down Capture Ratio 82.09 95.77 **Portfolio Metrics** Fund Bmark Cat

Morningstar Index

S&P 500 TR USD

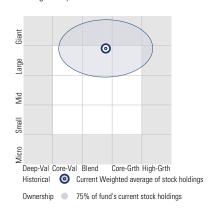
Price/Earnings Ratio	24.83	22.40	22.25
Price/Book Ratio	5.78	3.98	4.46
Geom Avg Mkt Cap \$B	171.94	228.69	275.77
ROE	34.89	30.76	29.52

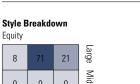
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### Vanguard Dividend Growth Inv VDIGX

Style Analysis as of 09-30-2023 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

### Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
∋ Microsoft Corp	3.98	3.98	32.51	Technology
∋ Stryker Corp	3.63	7.61	12.69	Healthcare
$\ni$ TJX Companies Inc	3.49	11.10	12.86	Consumer Cyclical
ightarrow UnitedHealth Group Inc	3.43	14.53	-3.88	Healthcare
$\ni$ Honeywell International Inc	3.24	17.77	-12.35	Industrials
∋ McDonald's Corp	3.01	20.78	1.70	Consumer Cyclical
$\supset$ Marsh & McLennan Companies Inc	2.97	23.75	16.14	Financial Services
ightarrow Colgate-Palmolive Co	2.94	26.69	-7.93	Consumer Defensive
$\ni$ Linde PLC	2.94	29.63	15.33	Basic Materials
igodolog Visa Inc Class A	2.93	32.56	11.36	Financial Services
⊖ Nike Inc Class B	2.91	35.47	-17.41	Consumer Cyclical
∋ PepsiCo Inc	2.84	38.30	-4.17	Consumer Defensive
igodolog Northrop Grumman Corp	2.81	41.11	-18.32	Industrials
🕀 Accenture PLC Class A	2.76	43.87	16.35	Technology
igodolog Procter & Gamble Co	2.76	46.63	-1.92	Consumer Defensive

### Total Holdings 51

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

50

9.48

34.60

15.02

18.55

1.03

28.86

22.17

6.53

13.21

2.43

100

Cat

27.95

2.85

10.13

12.82

2.15

48.85

7.72

3.99

10.30

26.84

23.21

6.73

14.16

2.32

Asset Allocation as of 09-30-2023

0

F

Utilities

Technology

Defensive

Healthcare

Consumer Defensive

Asset Class	Net %	Cat%
US Stocks	91.28	95.33
Non-US Stocks	5.78	2.48
Bonds	0.00	0.15
Cash	2.94	0.71
Other	0.00	1.34
Total	100.00	100.00

### Benchmark [] Category Average Fund ۳Ì 0% 5 10 15 20 25 30 35 40 45 50 55

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**Morningstar Category** 

📕 Large Blend

**Morningstar Index** 

S&P 500 TR USD

Bmark Fund Դ Cyclical 34.54 27.45 ŵ. Basic Materials 5.75 2.23 A Consumer Cyclical 11.50 10.77 ц. Financial Services 14 51 12 01 ŵ Real Estate 2.78 2.44 Sensitive 30.87 ~ 50.38 đ **Communication Services** 0.00 8.81 Energy 0.00 4.42 ¢ Industrials 21.39 8.29

Sector Weighting as of 09-30-2023

### 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.

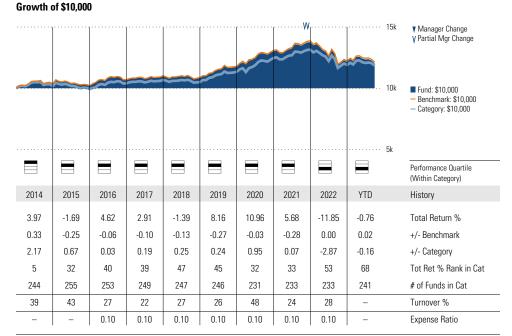
Net Expense: The fund's expense ratio of 0.1 is 83.87% lower than the Inflation-Protected Bond category average.

#### **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**

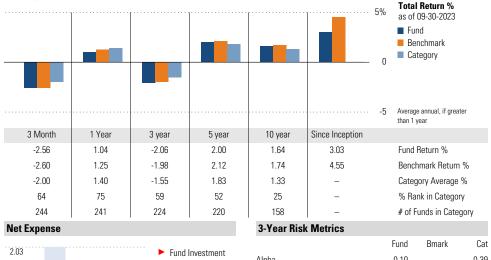
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023

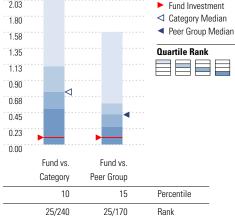


**Morningstar Category** 

Inflation-Protected Bond

### **Trailing Performance**





	outogoly incluge ite			
25	<ul> <li>– % Rank in Category</li> </ul>			
158	-	# of F	unds in Cate	gory
3-Year Risk	Metrics			
		Fund	Bmark	Cat
Alpha		-0.10	-	0.39
Beta		0.99	-	0.89
R-Squared		99.72	-	93.36
Standard Devia	tion	6.81	6.86	6.33
Sharpe Ratio		-0.56	-0.55	-0.44
Tracking Error		0.37	-	1.95
Information Rat	io	-0.23	-	-0.07
Up Capture Rati	0	98.80	-	90.18
Down Capture F	latio	99.91	-	86.17
Portfolio M	atrice			

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.85	4.52	5.88
Avg Eff Maturity	7.30	-	6.75

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 09-30-2023



0 50 100

Asset Class	Net %	Cat%
US Stocks	0.00	0.11
Non-US Stocks	0.00	0.00
Bonds	99.11	99.64
Cash	0.89	-0.10
Other	0.00	0.36
Total	100.00	100.00

#### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	99.91	0.00	88.72
AA	0.00	99.60	3.39
А	0.00	0.00	1.89
BBB	0.00	0.00	2.59
BB	0.00	0.00	1.01
В	0.00	0.00	0.58
Below B	0.00	0.00	0.20
Not Rated	0.09	0.40	1.62

	Fund	Bmark	Cat	Fund • Benchmark 🛛 Category Average
Government	99.11	-	90.29	
Treasury	2.35	-	0.28	
Inflation – Protected	96.76	-	80.77	
Agency/Quasi Agency	0.00	-	0.09	
Other Government Related	0.00	-	9.15	
Corporate	0.00	-	1.40	0
Corporate Bond	0.00	-	1.37	
Bank Loan	0.00	-	0.03	0
Convertible	0.00	-	0.00	Ū i i i i i i i i i i i i i i i i i i i
Preferred	0.00	-	0.00	Ú .
Securitized	0.00	-	4.02	
Agency MBS Pass-Through	0.00	-	1.19	0
Agency MBS ARM	0.00	-	0.00	Ū l
Agency MBS CMO	0.00	-	0.27	0
Non-Agency Residential MBS	0.00	-	0.06	
Commercial MBS	0.00	-	0.20	0
Asset-Backed	0.00	-	2.04	10
Covered Bond	0.00	-	0.26	
Municipal	0.00	-	0.00	
Cash & Equivalents	0.89	-	4.18	
Other	0.00	-	0.10	

 $0\% \ 5 \ 10 \ 15 \ 20 \ 25 \ 30 \ 35 \ 40 \ 45 \ 50 \ 55 \ 60 \ 65 \ 70 \ 75 \ 80 \ 85 \ 90 \ 9{\color{red}{500}}$ 

#### Top 10 Holdings as of 09-30-2023 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector ⊖ United States Treasury Notes 3.66 3.66 \_ ⊖ United States Treasury Notes 3.41 7.07 \_ ⊕ United States Treasury Notes 3.32 10.39 \_ ⊖ United States Treasury Notes 3.24 13.63 ⊖ United States Treasury Notes 3.21 16.84 \_ United States Treasury Notes 3.10 19.94 \_ \_ ⊖ United States Treasury Notes 3.03 22.97 \_ ⊖ United States Treasury Notes 3.02 26.00 \_ ⊖ United States Treasury Notes 2.97 28.97 \_ ⊖ United States Treasury Notes 2.96 31.93 \_

#### Total Holdings 58

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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Morningstar Category Mon 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
Aurélie Denis since 02-2023
Aaron Choi since 08-2023

### 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 25.38 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 94.19% 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.

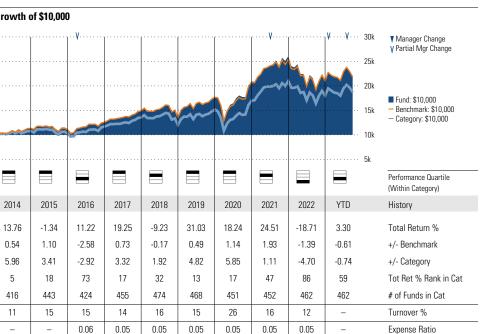
### **ESG Metrics**

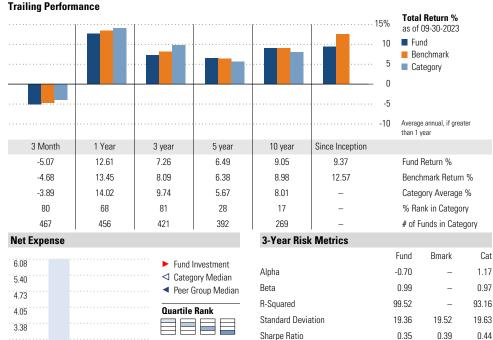
Metric	Rating	Updated
Sustainability Rating	3	08-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





Mid-Cap Blend





2.70 2.03 1.35 0.68 Fund vs Fund vs Peer Group Category 8 38 Percentile 39/485 77/203 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.

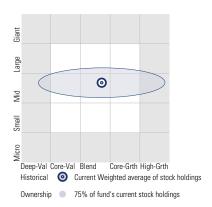
onarpo natio	0.00	0.00	0
Tracking Error	1.36	-	5.13
Information Ratio	-0.61	-	0.17
Up Capture Ratio	97.67	-	97.68
Down Capture Ratio	100.29	-	93.45
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	19.56	17.61	17.52
Price/Book Ratio	2.85	2.67	2.82
Geom Avg Mkt Cap \$B	24.83	18.26	11.63
ROE	17.22	16.11	20.65

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### Vanguard Mid Cap Index Admiral VIMAX

Style Analysis as of 09-30-2023 Morningstar Style Box™





Weight %

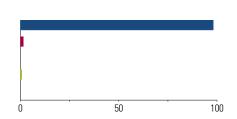
>50 25-50 10-25 0-10

#### Top 15 Holdings as of 09-30-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Amphenol Corp Class A	0.83	0.83	11.14	Technology
€ Arthur J. Gallagher & Co	0.78	1.61	21.77	Financial Services
$oldsymbol{\oplus}$ Carrier Global Corp Ordinary Shares	0.76	2.37	34.72	Industrials
$\oplus$ Motorola Solutions Inc	0.75	3.12	6.66	Technology
$\oplus$ TransDigm Group Inc	0.74	3.86	33.90	Industrials
⊕ Arista Networks Inc	0.71	4.57	51.57	Technology
① Microchip Technology Inc	0.71	5.28	12.74	Technology
🕀 Cintas Corp	0.69	5.97	7.32	Industrials
€ Nucor Corp	0.68	6.65	19.78	Basic Materials
PACCAR Inc	0.68	7.33	30.02	Industrials
⊕ Hess Corp	0.67	8.01	8.81	Energy
$\oplus$ ON Semiconductor Corp	0.67	8.68	49.03	Technology
onumber  onumber Old Dominion Freight Line Inc Ordinary Shares	0.67	9.34	44.60	Industrials
€ MSCI Inc	0.65	9.99	11.19	Financial Services
$\oplus$ IQVIA Holdings Inc	0.65	10.65	-3.97	Healthcare

### Total Holdings 344

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



Bmark

36.38

4.72

10.85

12 84

7.97

43.48

3.58

5.22

18.24

16.44

20.13

3.58

11.34

5.21

42.90

18.63

Fund

34.91

4.82

9.43

12.07

8.59

43.01

3.85

4.91

15.76

18.49

22.08

3.97

11.61

6.50

Sector Weighting as of 09-30-2023

Basic Materials

Consumer Cyclical

**Financial Services** 

**Communication Services** 

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

**Consumer Defensive** 

Դ Cyclical

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3

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Energy

¢

F

Utilities

#### Asset Class Net % Cat% US Stocks 98.04 95.65 Non-US Stocks 1.38 2.70 Bonds 0.00 0.03 Cash 0.59 1.23 0.00 Other 0.38 Total 100.00 100.00

Morningstar Index

Russell Mid Cap TR USD

Morningstar Category

Mid-Cap Blend

#### Benchmark [] Category Average Cat Fund 38.46 5.27 14.14 12.87 6.18 2.63 4.43 19.25 16.59 4.48 10.81 3.34 10 15 20 25 30 35 40 45 0% 5

### Asset Allocation as of 09-30-2023

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Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.61 years.

**ESG Metrics** 

Sustainability Rating

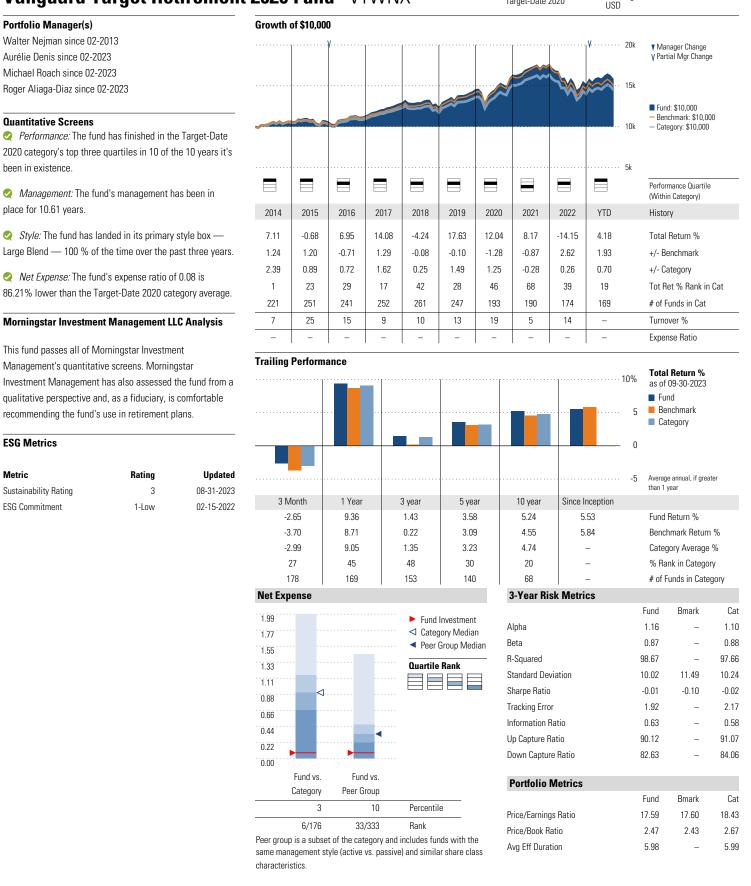
ESG Commitment

Metric

Aurélie Denis since 02-2023

### Vanguard Target Retirement 2020 Fund VTWNX

Morningstar Category Target-Date 2020



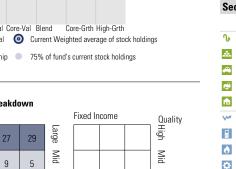
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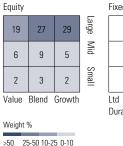
# Vanguard Target Retirement 2020 Fund VTWNX

Style Analysis as of 09-30-2023 Morningstar Style Box™

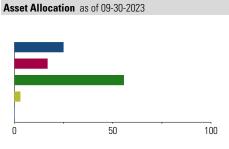




### Style Breakdown



# Low Mod Ext Duration



#### Asset Class Net % Cat% US Stocks 24.84 26.35 Non-US Stocks 16.72 14.08 Bonds 55.55 49.41 Cash 2.86 2.01 Other 0.03 8.15 100.00 Total 100.00

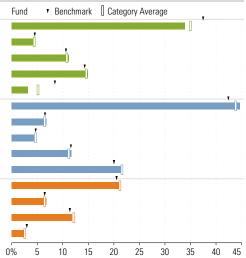
**Morningstar Category** 

Target-Date 2020

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

#### Sector Weighting as of 09-30-2023 Fund

		Fund	Bmark	Cat	Fund Be
Դ	Cyclical	33.91	37.33	34.97	
ŵ.	Basic Materials	4.66	4.38	4.41	
A	Consumer Cyclical	11.20	10.48	10.80	
¢,	Financial Services	14.91	14.15	14.61	
ŵ	Real Estate	3.14	8.32	5.15	
w	Sensitive	44.71	42.27	43.84	
đ	Communication Services	6.78	6.38	6.45	)
0	Energy	4.58	4.56	4.63	
٥	Industrials	11.66	11.45	11.18	
	Technology	21.69	19.88	21.58	
<b>→</b>	Defensive	21.38	20.39	21.18	
F	Consumer Defensive	6.81	6.32	6.45	]
٠	Healthcare	11.82	11.25	12.17	
2	Utilities	2.75	2.82	2.56	
					0// 5 4



### Top 7 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Bond Market II Idx Inv	_	31.67	31.67	_	_
$\ni$ Vanguard Total Stock Mkt Idx Instl PIs	-	25.00	56.68	_	-
$\ni$ Vanguard Total Intl Stock Index Inv	-	17.18	73.86	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	14.20	88.06	_	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	11.09	99.15	-	_
⊖ Mktliq 12/31/2049	-	0.87	100.02	-	-
$\ominus$ Us Dollar	-	0.02	100.03	_	-

### Total Holdings 7

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



Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.61 years.

**ESG Metrics** 

Sustainability Rating

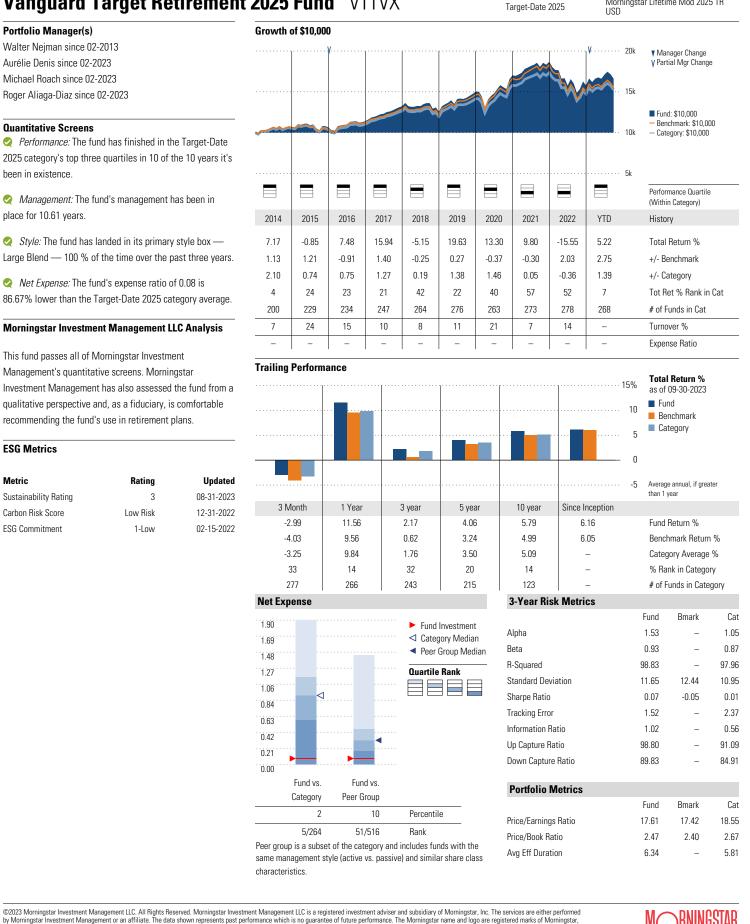
Carbon Risk Score

ESG Commitment

Metric

### Vanguard Target Retirement 2025 Fund VTTVX

Morningstar Category

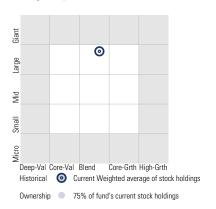


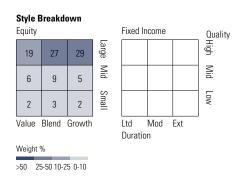
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# Vanguard Target Retirement 2025 Fund VTTVX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





# 

Other	0.04	
	0.04	10.74
Cash	2.78	2.65
Bonds	43.07	42.50
Non-US Stocks	21.66	14.63
US Stocks	32.45	29.48
Asset Class	Net %	Cat%

Morningstar Category

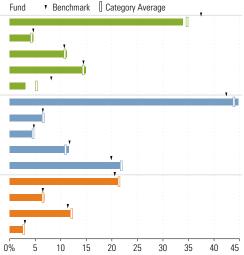
Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fu
Դ	Cyclical	33.87	37.32	34.72	
æ.	Basic Materials	4.65	4.48	4.27	
	Consumer Cyclical	11.20	10.55	10.80	
ц.	Financial Services	14.89	14.30	14.40	
ŵ	Real Estate	3.13	7.99	5.25	
w	Sensitive	44.74	42.26	43.89	
	Communication Services	6.79	6.35	6.55	
0	Energy	4.58	4.59	4.57	
¢	Industrials	11.64	11.58	10.93	
	Technology	21.73	19.74	21.84	
-	Defensive	21.38	20.43	21.39	
F	Consumer Defensive	6.81	6.35	6.51	
٠	Healthcare	11.83	11.24	12.14	
<b>9</b>	Utilities	2.74	2.84	2.74	
					~~~



### Top 7 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx InstI PIs	_	32.66	32.66	_	_
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	27.46	60.13	_	-
$igodoldsymbol{ imes}$ Vanguard Total Intl Stock Index Inv	-	22.26	82.39	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	11.98	94.37	_	-
$\oplus$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	4.46	98.83	-	_
⊖ Mktliq 12/31/2049	-	1.17	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
Aurélie Denis since 02-2023
Michael Roach since 02-2023
Roger Aliaga-Diaz since 02-2023

### 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 10.61 years.

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

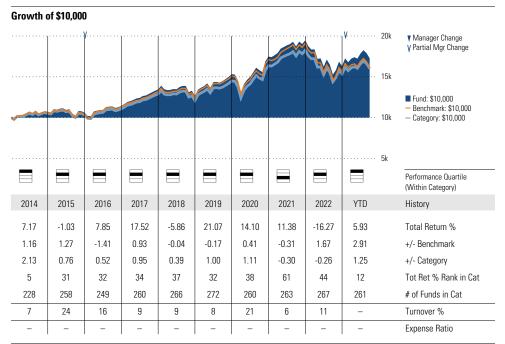
Net Expense: The fund's expense ratio of 0.08 is 87.3% lower than the Target-Date 2030 category average.

### **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	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

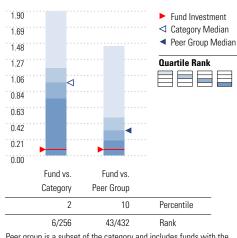


Morningstar Category

Target-Date 2030







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

# of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat Alpha 1.39 1.18 0.94 0.91 Beta \_ 99.00 **R-Squared** 98.28 13.50 Standard Deviation 12 77 12 37 Sharpe Ratio 0.13 0.03 0.11 Tracking Error 1.51 2.14 Information Ratio 0.91 0.62 Up Capture Ratio 98.80 95.10 Down Capture Ratio 91.39 88.80

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.68	17.24	18.53
Price/Book Ratio	2.49	2.37	2.75
Avg Eff Duration	6.73	-	5.85

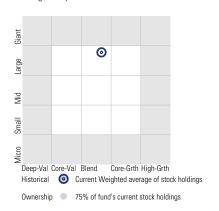
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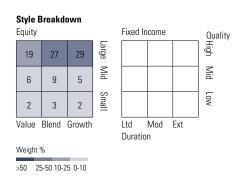


Morningstar Index Morningstar Lifetime Mod 2030 TR USD

# Vanguard Target Retirement 2030 Fund VTHRX

Style Analysis as of 09-30-2023 Morningstar Style Box™





# 

Other	0.03	11.85
Cash	2.48	1.01
Bonds	34.52	33.26
Non-US Stocks	24.70	18.47
US Stocks	38.27	35.41
Asset Class	Net %	Cat%

Morningstar Category

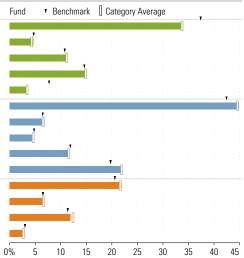
Target-Date 2030

Morningstar Index Morningstar Lifetime Mod 2030 TR USD

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund 🔻	B
Դ	Cyclical	33.77	37.24	33.74		
<i>.</i> #.	Basic Materials	4.60	4.56	4.31		
4	Consumer Cyclical	11.20	10.64	11.15		
<b>L</b>	Financial Services	14.83	14.47	14.87		
ŵ	Real Estate	3.14	7.57	3.41		
w,	Sensitive	44.84	42.30	44.59		
	Communication Services	6.82	6.34	6.53	]	
0	Energy	4.57	4.63	4.59		
¢	Industrials	11.60	11.72	11.57		
	Technology	21.85	19.61	21.90		
-	Defensive	21.40	20.45	21.68		
F	Consumer Defensive	6.79	6.37	6.62		
٠	Healthcare	11.87	11.23	12.39	-	
2	Utilities	2.74	2.85	2.67		
						_



### Top 6 Holdings as of 09-30-2023

Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
_	38.53	38.53	_	_
-	25.37	63.90	-	-
-	24.41	88.31	-	-
-	10.56	98.87	-	-
-	1.11	99.98	-	_
-	0.02	100.00	-	_
	- - - - -	- 38.53 - 25.37 - 24.41 - 10.56 - 1.11	- 38.53 38.53 - 25.37 63.90 - 24.41 88.31 - 10.56 98.87 - 1.11 99.98	- 38.53 38.53 - - 25.37 63.90 - - 24.41 88.31 - - 10.56 98.87 - - 1.11 99.98 -

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2035 Fund VTTHX

Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

### 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 10.61 years.

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

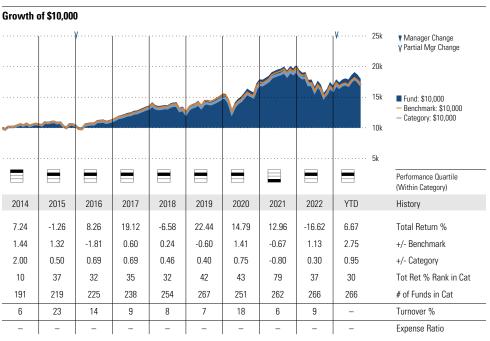
Net Expense: The fund's expense ratio of 0.08 is 87.1% lower than the Target-Date 2035 category average.

### **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	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

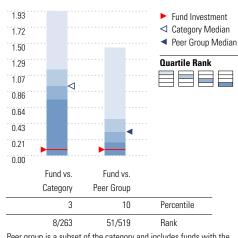
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR

USD

### 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.	

Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha 0.91 0.97 0.93 0.94 Beta \_ 99.07 **R-Squared** 98.48 Standard Deviation 13 72 14 62 13.83 Sharpe Ratio 0.20 0.14 0.20 Tracking Error 1.63 2.06 Information Ratio 0.48 0.51 Up Capture Ratio 96.61 97.43 Down Capture Ratio 92.20 92.79

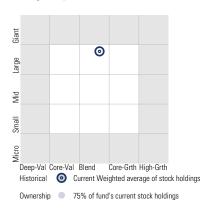
Portfolio Metrics						
	Fund	Bmark	Cat			
Price/Earnings Ratio	17.70	17.07	18.50			
Price/Book Ratio	2.50	2.34	2.71			
Avg Eff Duration	6.73	-	6.11			

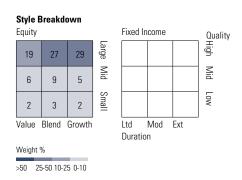
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# Vanguard Target Retirement 2035 Fund VTTHX

Style Analysis as of 09-30-2023 Morningstar Style Box™





# 

Other		12.02
0.1	0.03	12 02
Cash	2.60	1.63
Bonds	27.17	22.52
Non-US Stocks	27.35	21.09
US Stocks	42.84	42.75
Asset Class	Net %	Cat%

Morningstar Category

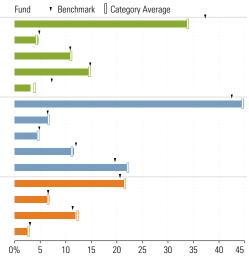
Target-Date 2035

Morningstar Index Morningstar Lifetime Mod 2035 TR USD

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	33.74	37.16	33.85
æ.	Basic Materials	4.60	4.67	4.29
<b>A</b>	Consumer Cyclical	11.19	10.73	11.02
цů	Financial Services	14.82	14.64	14.63
ŵ	Real Estate	3.13	7.12	3.91
w	Sensitive	44.87	42.35	44.61
	Communication Services	6.82	6.32	6.65
0	Energy	4.57	4.67	4.60
٥	Industrials	11.59	11.86	11.21
	Technology	21.89	19.50	22.15
<b>→</b>	Defensive	21.38	20.48	21.55
F	Consumer Defensive	6.77	6.41	6.53
٠	Healthcare	11.87	11.21	12.34
9	Utilities	2.74	2.86	2.68



### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	-	43.13	43.13	_	_
$\ni$ Vanguard Total Intl Stock Index Inv	-	28.10	71.22	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	19.21	90.43	_	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	8.31	98.74	_	-
⊕ 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

.....

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

### 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 10.61 years.

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

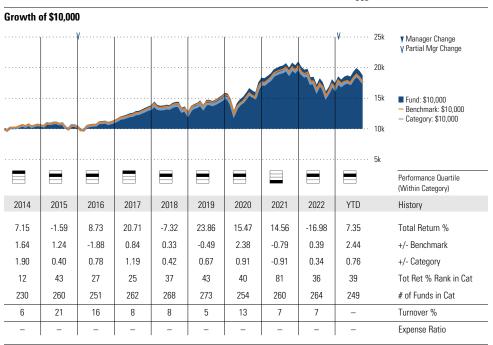
Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2040 category average.

### 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	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2040

#### **Trailing Performance**



Alpha

Beta

**R-Squared** 

Sharpe Ratio

Tracking Error

Information Ratio

Up Capture Ratio

Down Capture Ratio

Standard Deviation

1.95 Fund Investment Category Median 1.73 Peer Group Median 1.52 1.30 Quartile Rank 1.08 0.87 0.65 0.43 0.22 Fund vs Fund vs Peer Group Category 3 10 Percentile 6/244 42/429 Rank

	Portfolio Metrics		
		Fund	Bmark
	Price/Earnings Ratio	17.75	16.90
	Price/Book Ratio	2.51	2.31
9 55	Avg Eff Duration	6.72	-

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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Fund

0.44

0.94

99.00

14 68

0.25

1.79

0.12

95.53

93.64

Bmark

15.62

0.23

Cat

0.45

0.95

98.40

14 97

0.25

2.19

0.20

97.38

95.57

Cat

18.51

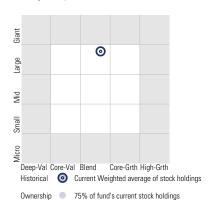
2.74

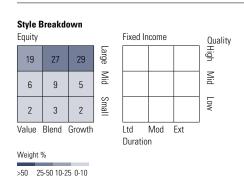
611

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

## Vanguard Target Retirement 2040 Fund VFORX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





# 

Other	0.01	
	0.04	12 62
Cash	2.43	1.13
Bonds	20.50	12.60
Non-US Stocks	29.64	24.30
US Stocks	47.39	49.37
Asset Class	Net %	Cat%

Morningstar Category

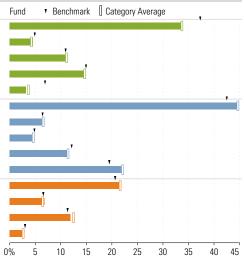
Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund	۷B
Դ	Cyclical	33.67	37.16	33.71		
æ.	Basic Materials	4.57	4.77	4.27		
A	Consumer Cyclical	11.18	10.81	11.12		
цф	Financial Services	14.78	14.80	14.67		,
ŵ	Real Estate	3.14	6.78	3.65		,
w,	Sensitive	44.92	42.35	44.68		
	Communication Services	6.82	6.30	6.55	-	Ú
•	Energy	4.58	4.70	4.62		
¢	Industrials	11.56	11.99	11.42		
	Technology	21.96	19.36	22.09		
-	Defensive	21.40	20.50	21.62		
F	Consumer Defensive	6.77	6.44	6.47		Ú
٠	Healthcare	11.90	11.19	12.51	_	
9	Utilities	2.73	2.87	2.64		



### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	_	47.71	47.71	_	_
$\ominus$ Vanguard Total Intl Stock Index Inv	-	30.44	78.16	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	14.69	92.85	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	6.07	98.92	-	-
⊖ Mktliq 12/31/2049	-	1.07	99.99	-	-
🕀 Us Dollar	_	0.01	100.00	-	_

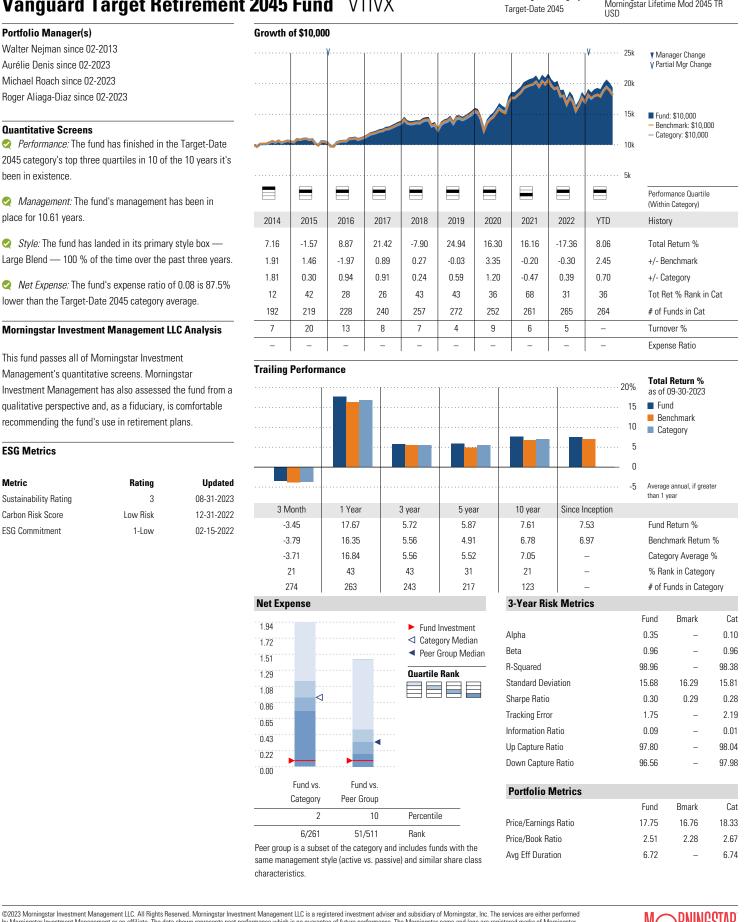
### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2045 Fund VTIVX

Morningstar Category



Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

### Quantitative Screens

Portfolio Manager(s)

*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 10.61 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 87.5% 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**

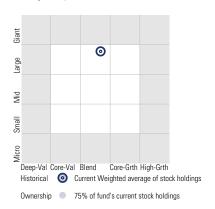
Metric	Rating	Update
Sustainability Rating	3	08-31-20
Carbon Risk Score	Low Risk	12-31-20
ESG Commitment	1-Low	02-15-20

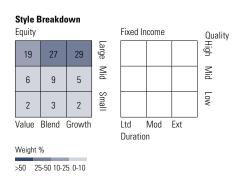
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# Vanguard Target Retirement 2045 Fund VTIVX

Style Analysis as of 09-30-2023 Morningstar Style Box™





# 

32.25 13.47 2.61 0.05	7.95 1.22 10.87
13.47	7.95
32.20	Z7.Z1
32.25	27.21
51.62	52.76
Net %	Cat%
	51.62

Morningstar Category

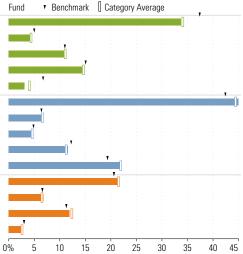
Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund • Benchmark
Դ	Cyclical	33.67	37.25	34.09	
ŵ.	Basic Materials	4.57	4.86	4.37	
A	Consumer Cyclical	11.19	10.86	11.06	
¢,	Financial Services	14.78	14.93	14.62	
æ	Real Estate	3.13	6.60	4.04	
~	Sensitive	44.93	42.27	44.41	
	Communication Services	6.83	6.27	6.61	
	Energy	4.57	4.71	4.60	
\$	Industrials	11.56	12.09	11.27	(
	Technology	21.97	19.20	21.93	
-	Defensive	21.41	20.46	21.49	
F	Consumer Defensive	6.77	6.45	6.51	
٠	Healthcare	11.90	11.14	12.37	
	Utilities	2.74	2.87	2.61	



### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt ldx Instl PIs	_	51.98	51.98	_	_
$\ominus$ Vanguard Total Intl Stock Index Inv	-	33.12	85.10	_	-
$\oplus$ Vanguard Total Bond Market II Idx Inv	-	9.77	94.87	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	3.88	98.75	_	-
⊖ Mktliq 12/31/2049	-	1.24	99.99	-	-
🕀 Us Dollar	-	0.01	100.00	-	_

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Portfolio Manager(s)

Quantitative Screens

been in existence.

place for 10.61 years.

**ESG Metrics** 

Sustainability Rating

Carbon Risk Score

ESG Commitment

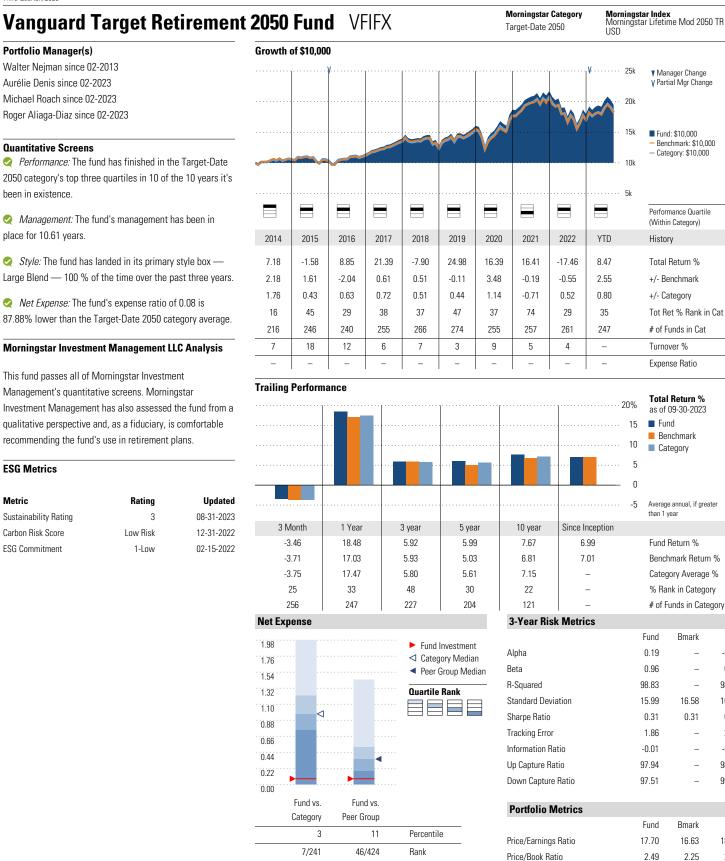
Metric

Walter Nejman since 02-2013

Roger Aliaga-Diaz since 02-2023

Aurélie Denis since 02-2023 Michael Roach since 02-2023

### Vanguard Target Retirement 2050 Fund VFIFX



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

Avg Eff Duration

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671

Cat

-0.06

0.97

98.24

16 20

0.29

2.24

-0.09

98.54

99.27

Cat

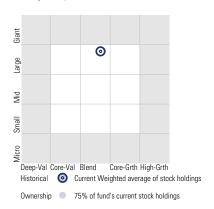
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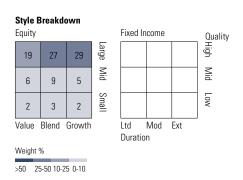
2.67

6.59

# Vanguard Target Retirement 2050 Fund VFIFX

Style Analysis as of 09-30-2023 Morningstar Style Box™





# 

Other		
	0.05	9.76
Cash	2.47	1.16
Bonds	9.40	5.60
Non-US Stocks	34.38	28.24
US Stocks	53.71	55.24
Asset Class	Net %	Cat%

Morningstar Category

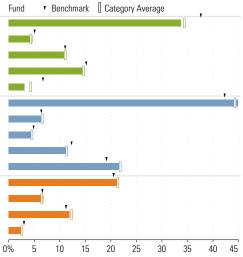
Target-Date 2050

Morningstar Index Morningstar Lifetime Mod 2050 TR USD

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund	۲
Դ	Cyclical	33.74	37.47	34.36		-
ŵ.	Basic Materials	4.60	4.94	4.34		
4	Consumer Cyclical	11.19	10.91	11.07		
¢,	Financial Services	14.82	15.04	14.63		
ŵ	Real Estate	3.13	6.58	4.32		
<b>N</b>	Sensitive	44.85	42.13	44.29		
	Communication Services	6.81	6.23	6.57		
0	Energy	4.58	4.73	4.55		
\$	Industrials	11.59	12.17	11.35		
	Technology	21.87	19.00	21.82		
<b>→</b>	Defensive	21.41	20.40	21.36		
F	Consumer Defensive	6.79	6.46	6.47		
٠	Healthcare	11.88	11.08	12.32	_	
<b>?</b>	Utilities	2.74	2.86	2.57		
						i



### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\ominus$ Vanguard Total Stock Mkt Idx Instl PIs	_	54.07	54.07	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.31	89.38	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.88	96.26	_	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.64	98.90	_	-
① Mktliq 12/31/2049	-	1.08	99.99	-	-
🕀 Us Dollar	-	0.01	100.00	-	_

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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### Vanguard Target Retirement 2055 Fund VFFVX

Portfolio Manager(s)

Walter Nejman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

### 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 10.61 years.

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

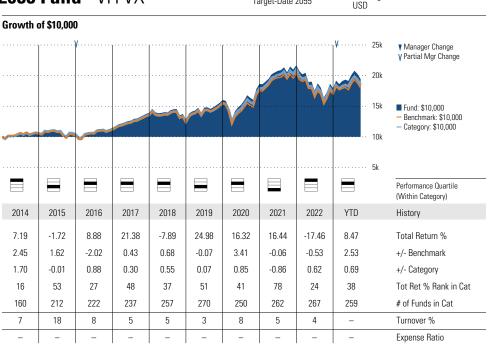
Net Expense: The fund's expense ratio of 0.08 is 87.5% lower than the Target-Date 2055 category average.

### **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	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

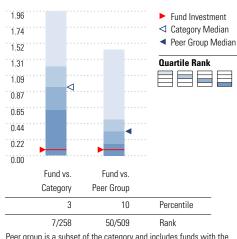


Morningstar Category

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.

3-Tear Kisk Weurics			
	Fund	Bmark	Cat
Alpha	0.18	-	0.03
Beta	0.95	-	0.97
R-Squared	98.79	-	98.19
Standard Deviation	15.99	16.66	16.37
Sharpe Ratio	0.31	0.31	0.30
Tracking Error	1.92	-	2.24
Information Ratio	-0.02	-	-0.04
Up Capture Ratio	97.64	-	99.47
Down Capture Ratio	97.27	-	99.88

Morningstar Index Morningstar Lifetime Mod 2055 TR

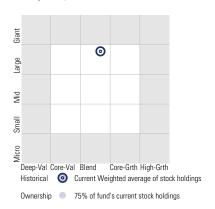
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.65	16.51	18.11
Price/Book Ratio	2.48	2.22	2.65
Avg Eff Duration	6.71	-	7.49

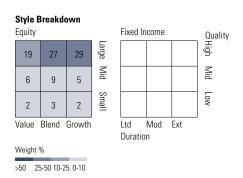
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# Vanguard Target Retirement 2055 Fund VFFVX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





# 

Other	0.05	10.20
		40.00
Cash	2.39	1.06
Bonds	9.48	5.90
Non-US Stocks	34.83	28.85
US Stocks	53.25	54.00
Asset Class	Net %	Cat%

Morningstar Category

Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

30 35 40 45

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund	T	Bench	mark	Categ	jory Ave	erage
Դ	Cyclical	33.81	37.74	34.34		-		-			
k.	Basic Materials	4.62	5.02	4.49			_				
3	Consumer Cyclical	11.20	10.93	11.13							
цů.	Financial Services	14.86	15.13	14.92							
ŵ	Real Estate	3.13	6.66	3.80							
M	Sensitive	44.80	41.95	44.61							
	Communication Services	6.80	6.19	6.64		]					
•	Energy	4.58	4.74	4.72							
<b>\$</b>	Industrials	11.62	12.23	11.36					_		
	Technology	21.80	18.79	21.89							
-	Defensive	21.39	20.31	21.05		_			)		
1	Consumer Defensive	6.79	6.45	6.40		0	_				
٠	Healthcare	11.86	11.00	12.12			]				
<b>9</b>	Utilities	2.74	2.86	2.53							
-					0%	5	10	15	20	25	30

### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
igodot Vanguard Total Stock Mkt Idx Instl PIs	_	53.61	53.61	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.79	89.40	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.96	96.35	_	-
🕀 Vanguard Total Intl Bd II Idx Insl	-	2.65	99.00	_	-
⊖ Mktliq 12/31/2049	-	1.00	100.00	-	-
$\Theta$ Us Dollar	_	0.00	100.00	-	_

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2060 Fund VTTSX

Portfolio Manager(s)

Walter Neiman since 02-2013 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

### 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 10.61 years.

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

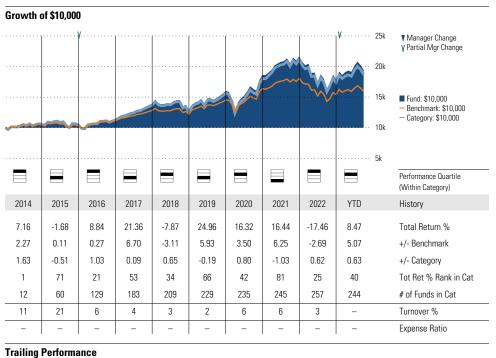
Net Expense: The fund's expense ratio of 0.08 is 88.06% lower than the Target-Date 2060 category average.

### **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	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

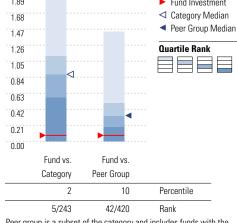
Target-Date 2060

Morningstar Index

Morningstar Mod Tgt Risk TR USD



Beta



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

Average annual, if greater Benchmark Return % Category Average % % Rank in Category # of Funds in Category Cat 3.12 3.10 1.32 1 29 98.50 **R-Squared** 97.20 12.30 Standard Deviation 15.97 16 42 Sharpe Ratio 0.31 0.08 0.30 Tracking Error 4.06 4.78 Information Ratio 0.89 0.75 Up Capture Ratio 141.38 144.61 Down Capture Ratio 124.11 127.71 

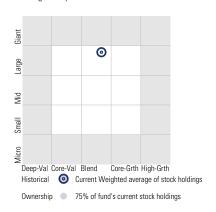
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.63	16.40	18.07
Price/Book Ratio	2.48	2.18	2.61
Avg Eff Duration	6.71	-	6.43

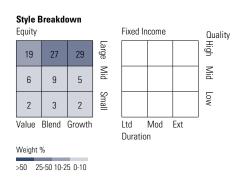
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# Vanguard Target Retirement 2060 Fund VTTSX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





# 

Asset Class	Net %	Cat%
US Stocks	53.02	47.90
Non-US Stocks	35.03	30.80
Bonds	9.47	5.12
Cash	2.44	1.28
Other	0.05	14.90
Total	100.00	100.00

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

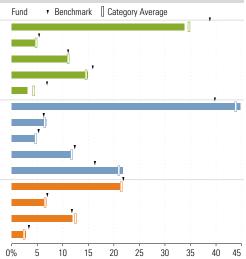
Morningstar Category

Target-Date 2060

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat	Fund
Դ	Cyclical	33.85	38.65	34.70	
æ.	Basic Materials	4.64	5.23	4.77	
4	Consumer Cyclical	11.20	10.91	11.06	
<b>.</b>	Financial Services	14.88	15.73	14.57	
ŵ	Real Estate	3.13	6.78	4.30	
$\sim$	Sensitive	44.77	39.63	43.85	
	Communication Services	6.80	6.14	6.47	
0	Energy	4.58	5.13	4.68	
Ф	Industrials	11.63	12.21	11.72	
	Technology	21.76	16.15	20.98	
-	Defensive	21.39	21.71	21.45	
	Consumer Defensive	6.79	6.83	6.53	
٠	Healthcare	11.85	11.65	12.49	
	Utilities	2.75	3.23	2.43	



### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.37	53.37	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.99	89.36	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.94	96.30	_	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.65	98.95	_	-
① Mktliq 12/31/2049	-	1.03	99.98	-	-
🕀 Us Dollar	-	0.02	100.00	-	_

### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



### Vanguard Target Retirement 2065 Fund VLXVX

Growth of \$10,000

### Portfolio Manager(s)

Walter Nejman since 07-2017 Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Diaz since 02-2023

### Quantitative Screens

Performance: The fund has finished in the Target-Date 2065+ category's top three quartiles in 4 of the 6 years it's been in existence.

*Management:* The fund's management has been in place for 6.22 years.

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

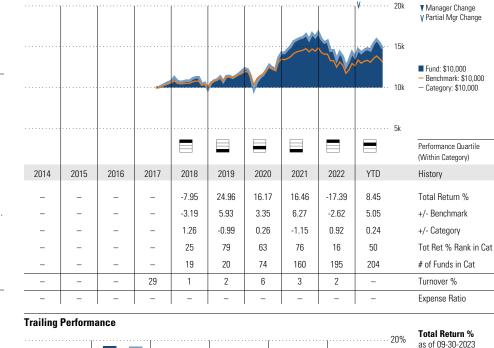
Net Expense: The fund's expense ratio of 0.08 is 86.67% lower than the Target-Date 2065+ category average.

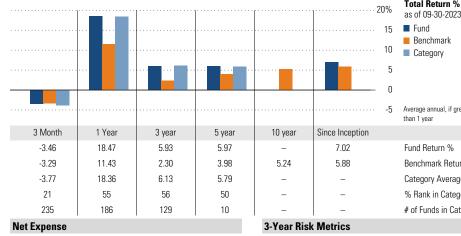
### Morningstar Investment Management LLC Analysis

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	08-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





Alpha

Beta

R-Squared

Sharpe Ratio

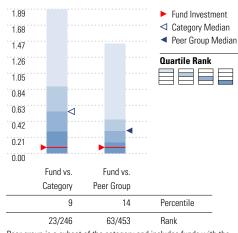
Tracking Error

Information Ratio

Up Capture Ratio

Down Capture Ratio

Standard Deviation



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

Average annual, if greater Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund **Bmark** Cat 3.14 2.96 1 34 1 29 98.48 97.56 12.30 15.98 16 70 0.31 0.08 0.30 4.07 4.95 0.89 0.70 141.53 146.28 124.16 130.15

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	17.63	16.40	17.76
Price/Book Ratio	2.48	2.18	2.52
Avg Eff Duration	6.71	-	6.43

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Morningstar Index

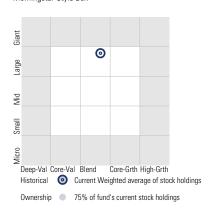
**Morningstar Category** 

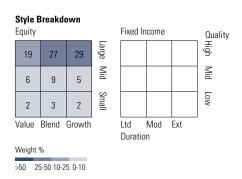
Target-Date 2065+

Morningstar Mod Tgt Risk TR USD

### Vanguard Target Retirement 2065 Fund VLXVX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





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Asset Class	Net %	Cat%
US Stocks	52.92	48.27
Non-US Stocks	34.99	32.03
Bonds	9.34	6.73
Cash	2.71	1.80
Other	0.05	11.18
Total	100.00	100.00

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

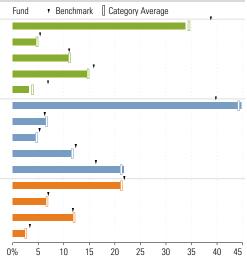
Morningstar Category

Target-Date 2065+

### Sector Weighting as of 09-30-2023

Asset Allocation as of 09-30-2023

		Fund	Bmark	Cat
Դ	Cyclical	33.85	38.65	34.51
æ.	Basic Materials	4.64	5.23	4.77
4	Consumer Cyclical	11.19	10.91	11.11
ц <b>р</b>	Financial Services	14.88	15.73	14.75
ŵ	Real Estate	3.14	6.78	3.88
w,	Sensitive	44.78	39.63	44.22
đ	Communication Services	6.80	6.14	6.64
•	Energy	4.59	5.13	4.66
¢	Industrials	11.63	12.21	11.67
	Technology	21.76	16.15	21.25
<b>→</b>	Defensive	21.38	21.71	21.29
	Consumer Defensive	6.79	6.83	6.71
٠	Healthcare	11.84	11.65	12.01
9	Utilities	2.75	3.23	2.57



### Top 6 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.27	53.27	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.95	89.22	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.79	96.01	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.66	98.68	-	-
① Mktliq 12/31/2049	-	1.23	99.91	-	-
🕀 Us Dollar	_	0.09	100.00	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



average.

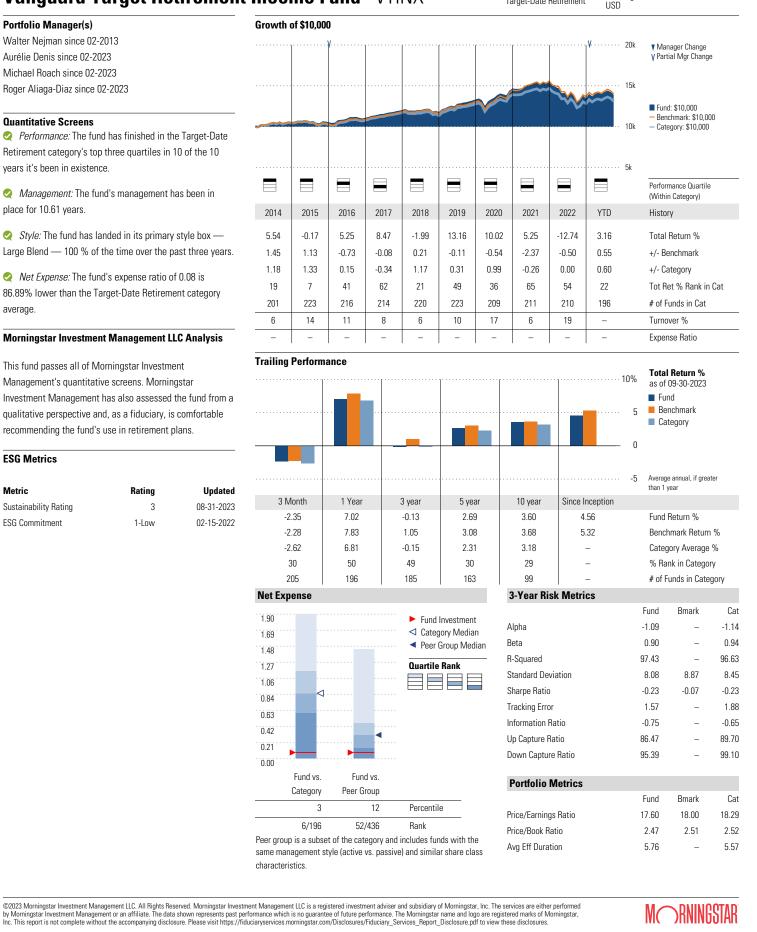
**ESG Metrics** 

Metric

### Vanguard Target Retirement Income Fund VTINX

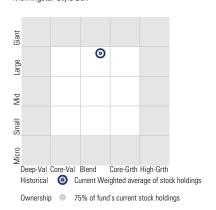
Morningstar Category Target-Date Retirement

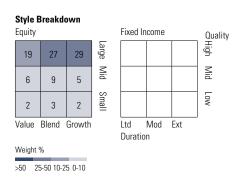
Morningstar Index Morningstar Lifetime Mod Incm TR



### Vanguard Target Retirement Income Fund VTINX

**Style Analysis** as of 09-30-2023 Morningstar Style Box™





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Asset Allocation as of 09-30-2023

Sector Weighting as of 09-30-2023

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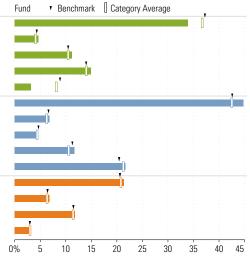
Other	0.02	13.34
Cash	3.11	3.88
Bonds	66.91	52.99
Non-US Stocks	11.99	9.84
US Stocks	17.95	19.96
Asset Class	Net %	Cat%

**Morningstar Category** 

Target-Date Retirement

Morningstar Index Morningstar Lifetime Mod Incm TR USD

#### Fund Bmark Cat Cyclical 33.90 37.10 36.71 **Basic Materials** 4.66 4.18 4.09 **Consumer Cyclical** 11.19 10.33 10.47 **Financial Services** 14.90 13.85 14.01 Real Estate 3.15 8.74 8.14 Sensitive 44.74 42.44 42.51 **Communication Services** 6.80 6.48 6.28 Energy 4.39 4.59 4.51 Industrials 11.65 11.15 10.57 21.70 20.30 Technology 21.27 21.37 20.47 20.79 Defensive **Consumer Defensive** 6.80 6.29 6.35 Healthcare 11.82 11.35 11.44 Utilities 2.75 2.83 3.00



### Top 7 Holdings as of 09-30-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Bond Market II Idx Inv	_	36.18	36.18	_	_
$\ominus$ Vanguard Total Stock Mkt Idx InstI PIs	-	18.06	54.25	-	-
Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.62	70.86	-	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	16.03	86.89	-	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	12.32	99.22	-	-
⊖ Mktliq 12/31/2049	-	0.78	99.99	-	-
$\oplus$ Us Dollar	_	0.01	100.00	_	-

### Total Holdings 7

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

