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 Jin Lee since 03-2023 Chit Purani since 03-2023

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 24.26 years.

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

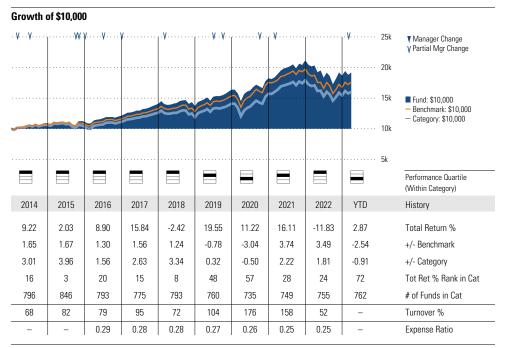
Net Expense: The fund's expense ratio of 0.25 is 75.73% lower than the Allocation--50% to 70% Equity category average.

Morningstar Investment Management LLC Analysis

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

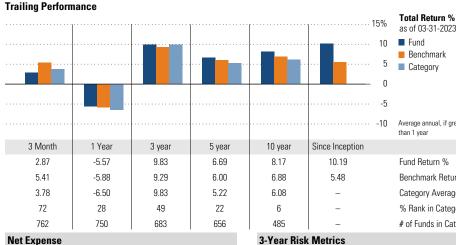
ESG Metrics

Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



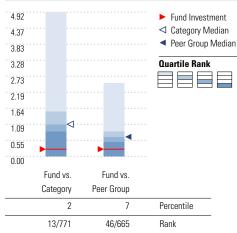
Morningstar Category

Moderate Allocation



Beta

Down Capture Ratio



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

Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha 0.90 0.49 0.95 0.98 R-Squared 95.92 94.16 Standard Deviation 12.78 12 45 12.92 Sharpe Ratio 0 72 0.67 0.68 Tracking Error 2 58 3.03 Information Ratio 0.21 0.10 Up Capture Ratio 100.73 100.17

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	16.64	17.24	17.70
Price/Book Ratio	3.38	2.76	2.98
Avg Eff Duration	6.32	-	5.29

97.76

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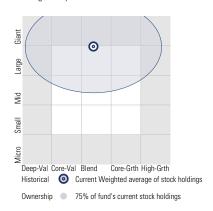
98.35

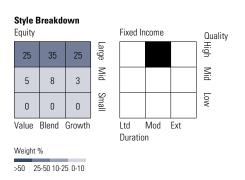
Morningstar Index

Morningstar US Mod Tgt Alloc NR USD

American Funds American Balanced R6 RLBGX

Style Analysis as of 03-31-2023 Morningstar Style Box™





Bmark

33.49

3.94

10.91

15.30

3.34

43.66

6.65

4.99

10.69

21.33

22.86

7.00

13.04

2.82

Fund

26.84

4.25

8.99

10.30

3.30

44.02

7.35

7.05

9.74

19.88

29.16

10.68

16.28

2.20

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

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3

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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

Asset Class Net % Cat% US Stocks 52.49 45.82 Non-US Stocks 8.50 10.52 Bonds 28.18 35.47 Cash 6.39 4.71 4.44 Other 3.49 Total 100.00 100.00

Benchmark [] Category Average Cat Fund 0 31.65 3.92 10.09 15.13 2.51 42.41 6.46 5.34 10.98 19.63 25.95 7.28 15.45 3.22 0% 10 15 20 25 30 35 40 45 5

Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
\oplus Capital Group Central Cash Fund	-	8.05	8.05	_	_
∋ Cap Grp Cent Fd Ser Ii	-	4.31	12.36	-	-
⊕ Microsoft Corp	-	3.98	16.34	20.50	Technology
\ominus Broadcom Inc	-	2.86	19.19	15.56	Technology
\ominus UnitedHealth Group Inc	-	2.10	21.29	-10.55	Healthcare
Philip Morris International Inc	_	2.01	23.30	-2.66	Consumer Defensive
蓉 Cash And Other Assets Less Liablities	-	1.93	25.23	-	-
\oplus The Home Depot Inc	-	1.38	26.61	-5.90	Consumer Cyclical
○ Pfizer Inc	-	1.18	27.78	-19.57	Healthcare
\oplus Federal National Mortgage Association 4.5%	05-2053	1.17	28.95	_	-

🕀 Increase 👄 Decrease 🗱 New to Portfolio

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Morningstar Category Moderate Allocation Morningstar Index 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 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 14.5 years.

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

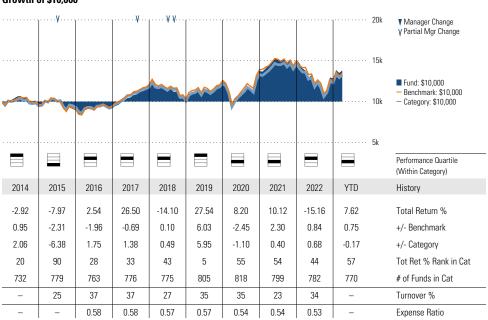
Net Expense: The fund's expense ratio of 0.54 is 39.33% lower than the Foreign Large Blend category average.

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	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Alpha

Beta

R-Squared

Sharpe Ratio

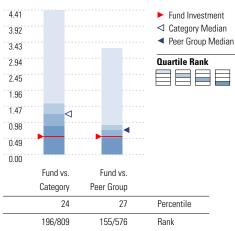
Tracking Error

Morningstar Category

Foreign Large Blend

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.

0 -5 -10 Average annual, if greater than 1 year Since Inception Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat 1.08 0.60 1 03 1 05 95.93 93.21 Standard Deviation 18 69 17.35 18 58 0 71 0.66 0.68 3 89 4.87 Information Ratio 0.45 0.22 Up Capture Ratio 107.83 106.57 Down Capture Ratio 103.71 105.88

Total Return %

as of 03-31-2023

Benchmark

Category

Fund

15%

10

5

Portfolio Metrics Fund Bmark Cat Price/Earnings Ratio 13.72 12 70 13 48 Price/Book Ratio 1.80 1.66 1.77 Geom Avg Mkt Cap \$B 50.53 41 43 52 17 ROE 20.22 17.72 19.32

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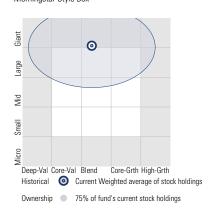


MSCI ACWI Ex USA NR USD

Growth of \$10,000

American Funds Intl Gr and Inc R6 RIGGX

Style Analysis as of 03-31-2023 Morningstar Style Box™





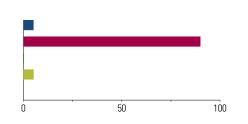


Weight %

<25

>50 25-50 10-25 0-10

World Regions % Equity 03-31-2023



Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

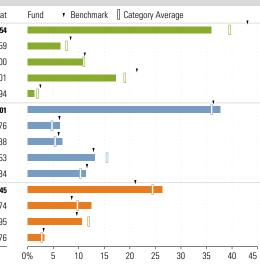
		Fund	Bmark	Cat
Դ	Cyclical	35.99	42.87	39.54
æ.	Basic Materials	6.37	8.26	7.59
A	Consumer Cyclical	11.01	11.04	11.00
цф	Financial Services	17.27	21.23	19.01
ŵ	Real Estate	1.34	2.34	1.94
w	Sensitive	37.70	36.20	36.01
g	Communication Services	6.33	6.07	4.76
•	Energy	6.81	5.92	5.38
¢	Industrials	13.17	12.74	15.53
	Technology	11.39	11.47	10.34
	Defensive	26.34	20.93	24.45
F	Consumer Defensive	12.46	8.48	9.74
٠	Healthcare	10.62	9.48	11.95
9	Utilities	3.26	2.97	2.76
-				

Asset Class Net % Cat% US Stocks 4.99 3.05 Non-US Stocks 89.89 94.40 Bonds 0.09 0.28 Cash 5.03 1.03 Other 0.00 1.23 Total 100.00 100.00

Morningstar Index

MSCI ACWI Ex USA NR USD

Morningstar Category Foreign Large Blend



1	Greater Asia	Fund % 28.93	Cat % 35.05	Americas	Fund % 13.91	Cat % 8.50	Greater Europe	Fund % 57.16	Cat % 56.45	Market Maturity	Fund %
	Japan	7.56	17.81	North America	9.73	7.32	United Kingdom	13.15	13.67	Developed Markets	85.94
	Australasia	0.51	5.25	Central/Latin	4.18	1.18	W euro-ex UK	42.63	41.68	Emerging Markets	14.06
	Asia-4 Tigers	11.69	6.73				Emrgng Europe	0.36	0.08	Not Available	0.00
	Asia-ex 4 Tigers	9.17	5.26				Africa	1.02	1.02		
	Not Classified	0.00	0.00								
>75											

Top 10 Holdings as of 03-31-2023

25-50

50-75

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
Đ Capital Group Central Cash M	4.91	4.91	_	_
∋ AstraZeneca PLC	3.12	8.02	1.58	Healthcare
igop Taiwan Semiconductor Manufacturing Co Ltd	2.57	10.59	19.45	Technology
	2.50	13.09	16.63	Healthcare
ASML Holding NV	2.29	15.37	24.37	Technology
onumber onumber	2.24	17.61	-2.66	Consumer Defensive
Airbus SE	2.10	19.71	11.04	Industrials
€ TotalEnergies SE	1.69	21.41	-4.96	Energy
earrowBritish American Tobacco PLC	1.61	23.01	-11.68	Consumer Defensive
LVMH Moet Hennessy Louis Vuitton SE	1.58	24.60	24.19	Consumer Cyclical

Total Holdings 258

 \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

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 22.52 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.3 is 46.43% 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.

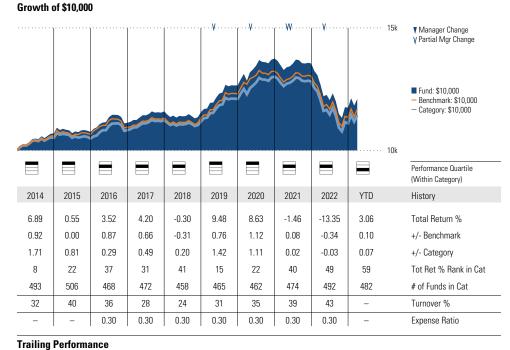
ESG Metrics

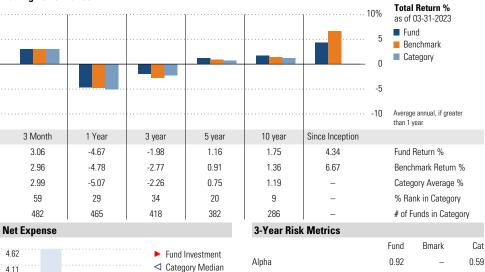
Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
ESG Commitment	1-Low	02-15-2022

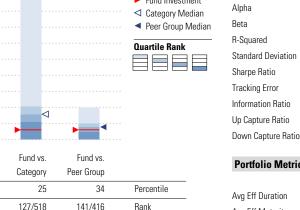


Morningstar Category Morningstar Index Intermediate Core Bond

Bloomberg US Agg Bond TR USD







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

Portfolio Metrics Fund Bmark Cat Avg Eff Duration 6.33 4 43 6.00 Avg Eff Maturity 8.35 8.46

1.03

98.67

6.54

-0 45

0.78

1.01

111.68

99.95

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3.59

3.08

2.57

2.05

1.54

1.03

0.51

0.00



0.99

95.95

6.37

-0.50

1.18

0.32

104.43

96.96

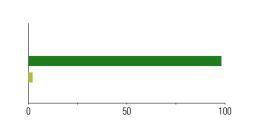
6 2 9

-0 60

Baird Aggregate Bond Inst BAGIX

Ltd Mod Ext Duration

Credit Rating Breakdown	Fund	Bmark	Cat
AAA	60.30	3.53	50.06
AA	3.80	74.59	11.69
А	12.60	10.82	23.47
BBB	23.10	8.32	13.19
BB	0.20	0.28	0.65
В	0.00	0.00	0.21
Below B	0.00	0.00	0.15
Not Rated	0.00	2.46	0.57



Asset Class Net % Cat% US Stocks 0.09 0.00 Non-US Stocks 0.02 0.00 Bonds 98.04 95.20 Cash 1.97 3.36 Other 0.00 1.32 Total 100.00 100.00

Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

	Fund	Bmark	Cat	Fund	,	Benchma	rk 🛛 C	ategory	Average			
Government	22.82	-	32.13]	
Treasury	22.80	-	25.85									
Inflation – Protected	0.00	-	1.50	1								
Agency/Quasi Agency	0.02	-	1.06	10								
Other Government Related	0.00	_	3.72		0							
Corporate	38.17	-	24.91						0			
Corporate Bond	38.17	-	24.86]			
Bank Loan	0.00	-	0.03	0								
Convertible	0.00	-	0.01	ĺ.								
Preferred	0.00	-	0.01	0								
Securitized	36.14	-	36.79									
Agency MBS Pass-Through	21.82	-	27.88							[
Agency MBS ARM	0.00	-	0.31	0								
Agency MBS CMO	3.02	-	1.52									
Non-Agency Residential MBS	0.79	-	0.23	0								
Commercial MBS	4.89	-	0.56	(
Asset-Backed	5.62	-	6.29									
Covered Bond	0.00	-	0.00	0								
Municipal	0.95	-	0.88									
Cash & Equivalents	1.93	-	4.48									
Other	0.00	-	0.80									
				0%	5	10	15	20	25	30	35	

Top 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
€ United States Treasury Bonds 2.5%	02-2045	3.37	3.37	-
\ominus United States Treasury Bonds 2.88%	05-2043	2.46	5.83	-
⊕ United States Treasury Notes 2.88%	05-2032	2.37	8.20	-
⊕ United States Treasury Notes 1.13%	10-2026	2.37	10.57	-
⊖ United States Treasury Notes 1.13%	08-2028	1.97	12.54	-
United States Treasury Bonds 1.38%	11-2040	1.91	14.44	-
🕀 First American Government Obligs U	02-2030	1.87	16.32	-
⊕ United States Treasury Notes 2.38%	03-2029	1.15	17.47	-
⊕ United States Treasury Notes 1.5%	02-2025	1.14	18.61	-
\odot United States Treasury Notes 2.88%	06-2025	1.10	19.72	-

Total Holdings 1654

🕀 Increase \ominus Decrease 🕸 New to Portfolio

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Morningstar Category Mor Intermediate Core Bond Blog

Morningstar Index

Bloomberg US Agg Bond TR USD

DFA US Core Equity 1 I DFEOX

Portfolio Manager(s)

Jed Fogdall since 02-2012 John Hertzer since 02-2022 Mary Phillips since 02-2022

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 11.09 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 0.14 is 81.58% lower than the Large Blend category average.

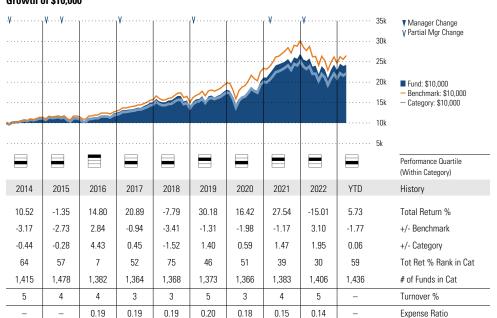
Morningstar Investment Management LLC Analysis

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

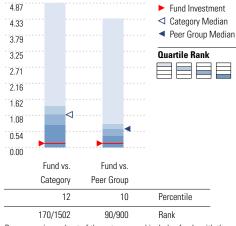
Metric	Rating	Updated
Sustainability Rating	2	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022











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

Cat Alpha 2.04 -0.27 0.99 0.94 Beta R-Squared 97.28 94.87 Standard Deviation 19.34 19.23 18 62 Sharpe Ratio 1.02 0.92 0.88 Tracking Error 3.20 3.97 Information Ratio 0.69 -1.04 Up Capture Ratio 100.33 93.75 Down Capture Ratio 91.72 94.82 **Portfolio Metrics**

	Fund	Bmark	Cat
Price/Earnings Ratio	16.04	19.90	18.81
Price/Book Ratio	2.98	3.64	3.46
Geom Avg Mkt Cap \$B	66.62	170.30	224.69
ROE	28.14	29.71	27.68

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Morningstar Category Morningstar Index

Large Blend

S&P 500 TR USD

DFA US Core Equity 1 I DFEOX

Style Analysis as of 03-31-2023 Morningstar Style Box™







Weight %

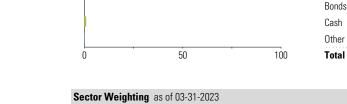
>50 25-50 10-25 0-10

Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Apple Inc	5.18	5.18	27.09	Technology
Microsoft Corp	4.15	9.33	20.50	Technology
Amazon.com Inc	1.71	11.04	22.96	Consumer Cyclical
Alphabet Inc Class A	1.16	12.20	17.57	Communication Svc
Meta Platforms Inc Class A	1.08	13.28	76.12	Communication Svc
Alphabet Inc Class C	1.07	14.36	17.21	Communication Svc
Berkshire Hathaway Inc Class B	1.02	15.38	-0.04	Financial Services
Exxon Mobil Corp	1.01	16.39	0.24	Energy
JPMorgan Chase & Co	1.00	17.39	-2.08	Financial Services
Johnson & Johnson	0.85	18.23	-11.62	Healthcare
🕀 Future on E-mini S&P 500 Futures	0.84	19.08	_	-
Tesla Inc	0.80	19.88	68.42	Consumer Cyclical
Procter & Gamble Co	0.77	20.65	-1.29	Consumer Defensive
$ m egin{array}{c} egin{array} egin{array}{c} egin{array}{c} egin{array}{c} egin{array}$	0.76	21.41	-10.55	Healthcare
Mastercard Inc Class A	0.73	22.14	4.67	Financial Services

Total Holdings 2713

 \oplus Increase \oplus Decrease R New to Portfolio



Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	30.05	29.73	29.12
æ.	Basic Materials	3.88	2.51	2.90
æ	Consumer Cyclical	11.66	10.46	9.75
ц.	Financial Services	14.24	13.98	14.15
ŵ	Real Estate	0.27	2.78	2.32
\sim	Sensitive	48.06	45.90	45.39
g	Communication Services	7.25	7.67	7.07
•	Energy	5.95	4.80	4.31
Ф	Industrials	12.68	8.71	10.48
	Technology	22.18	24.72	23.53
-	Defensive	21.88	24.37	25.49
F	Consumer Defensive	7.10	7.13	7.41
٠	Healthcare	12.20	14.42	15.41
2	Utilities	2.58	2.82	2.67

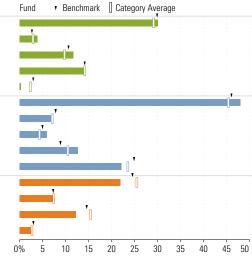


Morningstar Index

S&P 500 TR USD

Morningstar Category

Large Blend





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.

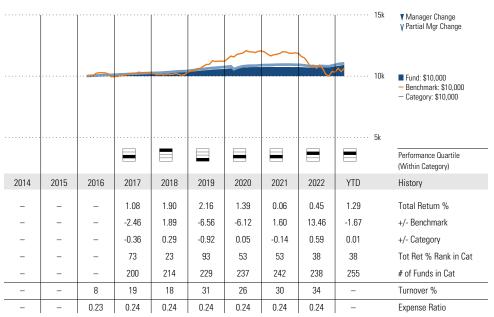
Management: The fund's management has been in place for 25.74 years.

Style Consistency is not calculated for Fixed Income funds.

Net Expense: The fund's expense ratio of 0.24 is 46.67% 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





Fund vs. Category	Fund vs. Peer Group	
24	24	Percentile
62/262	47/196	Rank
 in a subac	t of the optogous o	مط تممان طمم فيصطم بينغ

 Fund
 Bmark
 Cat

 Avg Eff Duration
 0.26
 4.43
 0.91

 Avg Eff Maturity
 5.30
 1.90

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 Agg Bond TR USD



Federated Hermes Govt Ultrashort R6 FGULX

Fund

100.00

0.00

0.00

0.00

0.00

0.00

0.00

0.00

Bmark

3.53

74.59

10.82

8.32

0.28

0.00

0.00

2.46

Cat

36.14

7.53

20.05

19.36

1.88

1.94

0.34

12.75

Style Analysis as of 03-31-2023



Credit Rating Breakdown

Duration

AAA

AA

А

BBB

BB

В

Below B

Not Rated

Asset Allocati	on as of 03-31-2023		
			Asset Class
			ASSEL CIGSS
			US Stocks
			Non-US Stocks
			Bonds
			Cash
			Other
0	50	100	Total

Sector Weighting as of 03-31-2023

	Fund	Bmark	Cat	Fund	T Rer	nchmar	k Ir	ategor	ν Δνα	orano				
•				Tunu		ioninai		atogoi	y Av.	Jugo				
Government	3.78	-	24.26				U _i i							
reasury	1.06	-	17.14											
nflation – Protected	0.00	-	0.00											
Agency/Quasi Agency	2.72	-	3.10											
Other Government Related	0.00	-	4.02											
Corporate	0.00	-	30.09	I			0							
Corporate Bond	0.00	-	29.92				0							
Bank Loan	0.00	-	0.09	0										
Convertible	0.00	-	0.08	0										
Preferred	0.00	-	0.00	0										
Securitized	67.95	-	22.82											
Agency MBS Pass-Through	0.27	-	4.56	1										
Agency MBS ARM	0.14	-	0.58	0										
Agency MBS CMO	67.54	-	1.67						-					
Non-Agency Residential MBS	0.00	-	0.19	0										
Commercial MBS	0.00	-	0.57	0										
Asset-Backed	0.00	-	15.25		[
Covered Bond	0.00	-	0.00											
Municipal	0.00	-	0.82											
Cash & Equivalents	28.27	-	20.07			0								
Other	0.00	-	1.92	[
				0% 5	10 15	20	25 30) 35	40	45	50	55	60	65 70

Ton 10 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	Fixed Income Sector
🕀 Bofam Repo 1 Repo	04-2023	13.14	13.14	-
🕀 Hsbc Repo 2 Repo	04-2023	7.57	20.70	-
🕀 Bank Of Montreal 3 Repo	04-2023	7.57	28.27	-
\oplus FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 4.82053%	12-2032	6.55	34.82	-
⊕ FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.08561%	12-2032	6.04	40.86	-
Government National Mortgage Association 5.12871%	01-2073	5.29	46.15	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.44815%	10-2032	4.56	50.71	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.40561%	11-2032	3.95	54.66	-
Government National Mortgage Association 5.20906%	01-2053	3.82	58.48	-
FEDERAL HOME LN MTG CORP MULTICLASS MTG PARTN CTFS GTD 5.40815%	11-2032	3.61	62.09	-

Total Holdings 182

🕀 Increase \ominus Decrease 🕸 New to Portfolio

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Morningstar Category Ultrashort Bond

Morningstar Index Bloomberg US Agg Bond TR USD

Net %

0.00

0.00

71.73

28.27

0.00

100.00

Cat%

0.17

0.00

68.64

31.04

0.15

100.00

Vanguard FTSE Social Index Admiral VFTAX

Portfolio Manager(s)

Nick Birkett since 02-2023

Quantitative Screens

Performance: The fund has finished in the Large Blend category's top three quartiles in 2 of the 3 years it's been in existence.

Management: The fund's management has been in place for 7.28 years.

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

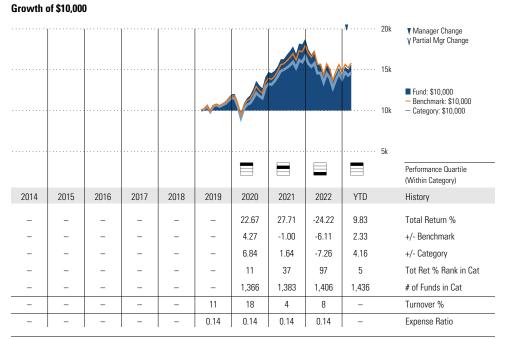
Net Expense: The fund's expense ratio of 0.14 is 81.58% lower than the Large Blend category average.

Morningstar Investment Management LLC Analysis

This fund fails our style consistency screen but because it is an index fund we do not regard the failure as significant.

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	4	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	2-Basic	02-15-2022

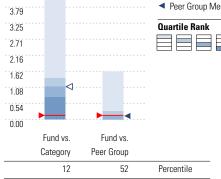


Trailing Performance



Information Ratio

Up Capture Ratio



Down Capture Ratio 108.41 **Portfolio Metrics** Fund Bmark Price/Earnings Ratio 22.87 19.90 Price/Book Ratio 4.33 3.64 Geom Avg Mkt Cap \$B 195.63 170.30 ROE 30.78 29.71

-0.36

102.64

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

268/517

Rank

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170/1502



-1.04

93.75

94.82

Cat

18.81

3.46

224 69

27.68

Morningstar Category

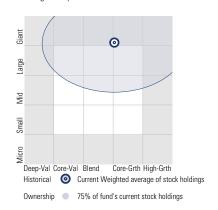
Large Blend

Morningstar Index

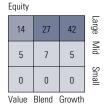
S&P 500 TR USD

Vanguard FTSE Social Index Admiral VFTAX

Style Analysis as of 03-31-2023 Morningstar Style Box™







Weight %

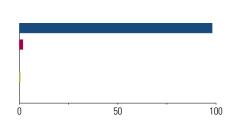
>50 25-50 10-25 0-10

Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
\oplus Apple Inc	8.40	8.40	27.09	Technology
➔ Microsoft Corp	7.32	15.72	20.50	Technology
€ Amazon.com Inc	3.11	18.83	22.96	Consumer Cyclical
∋ NVIDIA Corp	2.23	21.06	90.10	Technology
\oplus Alphabet Inc Class A	2.12	23.18	17.57	Communication Svc
∋ Alphabet Inc Class C	1.84	25.02	17.21	Communication Svc
€ Tesla Inc	1.82	26.84	68.42	Consumer Cyclical
$oldsymbol{eta}$ Meta Platforms Inc Class A	1.60	28.44	76.12	Communication Svc
earrow UnitedHealth Group Inc	1.50	29.94	-10.55	Healthcare
\oplus JPMorgan Chase & Co	1.29	31.23	-2.08	Financial Services
\oplus Visa Inc Class A	1.24	32.47	8.74	Financial Services
$oldsymbol{eta}$ Procter & Gamble Co	1.19	33.66	-1.29	Consumer Defensive
€ Mastercard Inc Class A	1.05	34.71	4.67	Financial Services
$oldsymbol{eta}$ The Home Depot Inc	1.02	35.73	-5.90	Consumer Cyclical
$ ext{ } $	0.98	36.71	-5.82	Healthcare

Total Holdings 480

⊕ Increase ⊖ Decrease 🕸 New to Portfolio



Bmark

29.73

2.51

10.46

13.98

2.78

45.90

7.67

4.80

8.71

24.72

24.37

7.13

14.42

2.82

Fund

30.16

2.20

12.08

12.80

3.08

47.09

9.89

0.00

5.44

31.76

22.75

6.70

15.90

0.15

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

Basic Materials

Consumer Cyclical

Financial Services

Communication Services

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Consumer Defensive

Դ Cyclical

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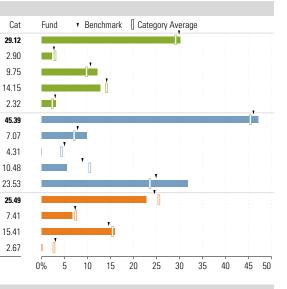
Energy

¢

F

Utilities

Asset Class Net % Cat% US Stocks 97.98 94.85 Non-US Stocks 1.68 2.91 Bonds 0.00 0.44 Cash 0.34 0.70 0.00 Other 1.09 Total 100.00 100.00





Morningstar Category 📕 Large Blend

S&P 500 TR USD

Morningstar Index

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.

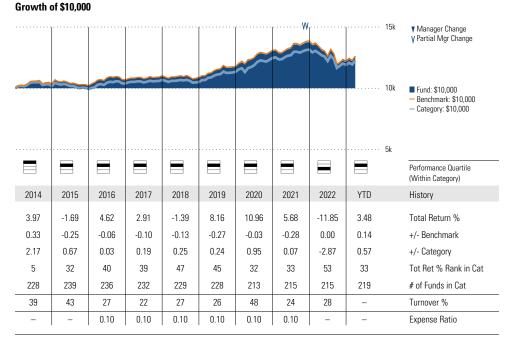
Net Expense: The fund's expense ratio of 0.1 is 82.76% lower than the Inflation-Protected Bond category average.

Morningstar Investment Management LLC Analysis

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

ESG Metrics

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023

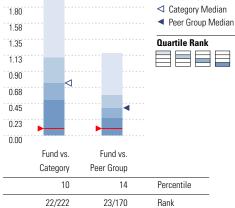


Morningstar Category

Inflation-Protected Bond

Trailing Performance





Alpha -0.06 0.90 Beta 0.99 99.65 92.97 **R-Squared** Standard Deviation 7 02 7 10 6.63 Sharpe Ratio 0.11 0.12 0.29 Tracking Error 0.43 2.03 Information Ratio -0.20 0.14 Up Capture Ratio 98.51 94.57 Down Capture Ratio 99.21 84.84

Portfolio Metrics			
	Fund	Bmark	Cat
Avg Eff Duration	6.86	4.52	6.46
Avg Eff Maturity	7.50	-	6.93

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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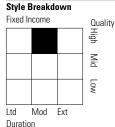


Morningstar Index Bloomberg US Treasury US TIPS TR

USD

Vanguard Inflation-Protected Secs Adm VAIPX

Style Analysis as of 03-31-2023



0 50 100

Other	0.00	0.29
Cash	0.06	3.10
Bonds	99.94	96.60
Non-US Stocks	0.00	0.00
US Stocks	0.00	0.00
Asset Class	Net %	Cat%

Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

ırk Cat
00 97.23
60 0.21
00 0.52
0.98
0.12
0.04
0.01
40 0.89

	Fund	Bmark	Cat	Fund	 Benchmark 	Category Average
Government	99.91	-	90.66			
Treasury	0.00	-	1.23			
Inflation – Protected	99.91	-	85.35			(
Agency/Quasi Agency	0.00	-	0.09			
Other Government Related	0.00	-	3.99			
Corporate	0.00	-	1.97			
Corporate Bond	0.00	-	1.91	10		
Bank Loan	0.00	-	0.06	0		
Convertible	0.00	-	0.00	0		
Preferred	0.00	-	0.00	0		
Securitized	0.00	-	4.09			
Agency MBS Pass-Through	0.00	-	0.71	0		
Agency MBS ARM	0.00	-	0.00	0		
Agency MBS CMO	0.00	-	0.40	0		
Non-Agency Residential MBS	0.00	-	0.44			
Commercial MBS	0.00	-	0.51			
Asset-Backed	0.00	-	1.95	10		
Covered Bond	0.00	-	0.08	0		
Municipal	0.00	-	0.04	0		
Cash & Equivalents	0.09	-	3.22			
Other	0.00	-	0.03			

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

Top 10 Holdings as of 03-31-2023 Name Maturity Date % Net Asset Cumulative % Fixed Income Sector 3.91 ⊕ United States Treasury Notes 3.91 _ ⊖ United States Treasury Notes 3.60 7.51 _ ⊕ United States Treasury Notes 3.54 11.04 _ ⊖ United States Treasury Notes 3.33 14.38 _ United States Treasury Notes 3.25 17.62 _ ⊕ United States Treasury Notes 3.15 20.77 _ _ United States Treasury Notes 3.13 23.91 _ United States Treasury Notes 3.01 26.91 _ ⊖ United States Treasury Notes 3.00 29.92 _ United States Treasury Notes 2.98 32.89 _

Total Holdings 50

🕀 Increase 👄 Decrease 🕸 New to Portfolio

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Morningstar Category 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

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 24.88 years.

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

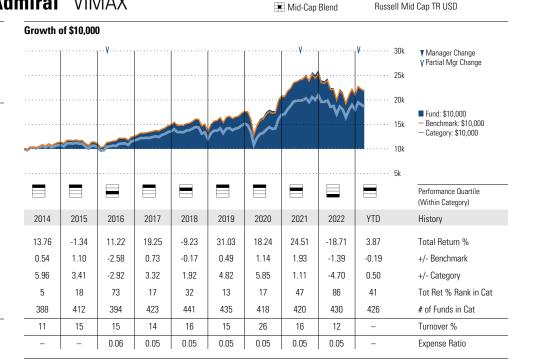
Net Expense: The fund's expense ratio of 0.05 is 94.32% lower than the Mid-Cap Blend category average.

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	03-31-2023
Carbon Risk Score	Medium Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Morningstar Index



Portfolio Metrics

Price/Earnings Ratio

Geom Avg Mkt Cap \$B

Price/Book Ratio

ROE

.00			
	Fund vs.	Fund vs.	
	Category	Peer Group	
	8	36	Percentile
	35/447	70/195	Rank
er group	o is a subset	of the category an	d includes funds wi

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

23.24 17.95 9.91 19.46 19.49 22.17

Bmark

17.36

2.71

Cat

14 61

2.53

Fund

18 42

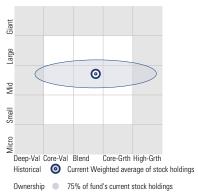
2.83

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Vanguard Mid Cap Index Admiral VIMAX

Style Analysis as of 03-31-2023 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Amphenol Corp Class A	0.80	0.80	7.60	Technology
$oldsymbol{eta}$ Motorola Solutions Inc	0.79	1.59	11.37	Technology
ightarrow Microchip Technology Inc	0.75	2.34	19.77	Technology
€ DexCom Inc	0.74	3.08	2.60	Healthcare
ightarrow Corteva Inc	0.71	3.78	2.86	Basic Materials
€ MSCI Inc	0.70	4.48	20.62	Financial Services
➔ Mktliq 12/31/2049	0.69	5.17	_	-
🕀 Realty Income Corp	0.69	5.86	1.02	Real Estate
🕀 Arthur J. Gallagher & Co	0.67	6.53	1.76	Financial Services
\oplus Cintas Corp	0.66	7.18	2.70	Industrials
€ Nucor Corp	0.65	7.84	17.58	Basic Materials
➔ Arista Networks Inc	0.63	8.47	38.33	Technology
ightarrow Cheniere Energy Inc	0.63	9.10	5.36	Energy
PACCAR Inc	0.63	9.73	11.32	Industrials
\oplus TransDigm Group Inc	0.63	10.36	17.06	Industrials

Total Holdings 346

 \oplus Increase \oplus Decrease arrow New to Portfolio

Bmark Cat Fund Դ Cyclical 35.97 39.95 40.54 ŵ. Basic Materials 4.86 5.20 5.57 Consumer Cyclical 10.56 12.97 13.98 ц. Financial Services 11.83 13 87 14 14 ŵ Real Estate 8.72 7.91 6.85 Sensitive 40.55 ~ 40.39 40.57

Communication Services

Sector Weighting as of 03-31-2023

50

3.93

4.62

13.75

18.25

23.47

4.16

12.36

6.95

3.56

4.89

15.73

16.21

19.67

3.84

10.47

5.36

2.76

4.57

17.63

15.61

18.90

4.62

10.75

3.53

100

Asset Allocation as of 03-31-2023

0

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Energy

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F

Industrials

Technology

Defensive

Healthcare

Utilities

Consumer Defensive

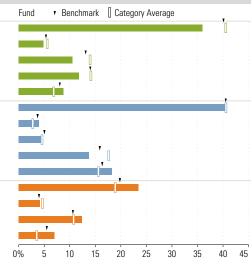
7.21 1.47 0.00 1.32 0.00	95.94 2.08 0.05 1.61 0.31
1.47).00	2.08 0.05
1.47	2.08
7.21	95.94
et %	Cat%
	et %

Morningstar Index

Russell Mid Cap TR USD

Morningstar Category

Mid-Cap Blend



Vanguard Small Cap Index Adm VSMAX

Portfolio Manager(s)

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

Quantitative Screens

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

Management: The fund's management has been in place for 6.93 years.

Style: The fund has landed in its primary style box — Small Blend — 82.35 % of the time over the past three years.

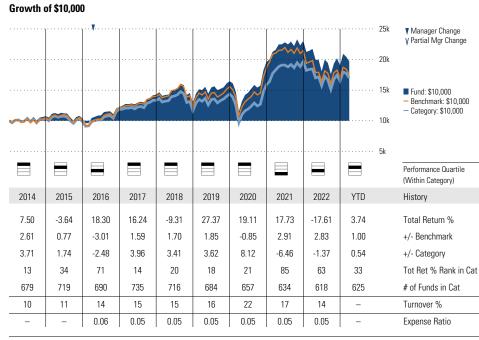
Net Expense: The fund's expense ratio of 0.05 is 94.9% lower than the Small Blend category average.

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

Rating	Updated
4	03-31-2023
Medium Risk	12-31-2022
1-Low	02-15-2022
	4 Medium Risk



Alpha

Beta

ROE

R-Squared

Sharpe Ratio

Tracking Error

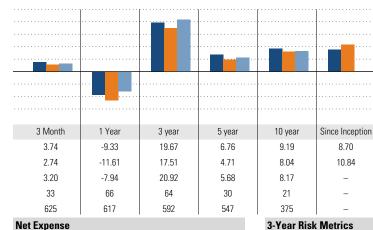
Information Ratio

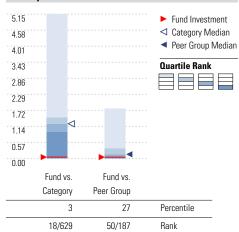
Up Capture Ratio

Down Capture Ratio

Standard Deviation

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.

Total Return % 25% as of 03-31-2023 20 Fund 15 Benchmark 10 Category 5 Ο -5 -10 -15 Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat 2.82 3.70 0.94 0.92 96.78 92.47 21 73 22 84 21 79 0.88 0 77 0.90 4.17 5.92 0.52 0.29 99.84 99.42

Portfolio Metrics Fund Bmark Cat Price/Earnings Ratio 13 13 11 72 13 10 Price/Book Ratio 2.11 1.94 2.22 Geom Avg Mkt Cap \$B 5 05 2 31 4 35

92.03

14.31

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10.00

89.17

21.33

Morningstar Category Morningstar Index Small Blend

Russell 2000 TR USD

Vanguard Small Cap Index Adm VSMAX

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

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Energy

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F

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

Communication Services

Real Estate

Sensitive

Industrials

Technology

Defensive

Healthcare

Utilities

Consumer Defensive

50

100

Bmark

38.47

4.29

10.96

15 78

7.44

38.54

2.57

6.33

15.57

14.07

22.99

4.14

15.75

3.10

Fund

38.38

4.54

12.91

12.43

8.50

42.41

2.44

4.88

18.95

16.14

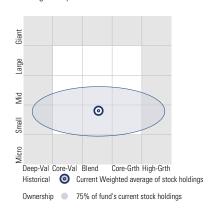
19.20

4.29

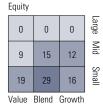
11.92

2.99

Style Analysis as of 03-31-2023 Morningstar Style Box™







Weight %

>50 25-50 10-25 0-10

Top 15 Holdings as of 03-31-2023

Name	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
€ Slcmt1142	1.56	1.56	_	-
⊖ Mktliq 12/31/2049	0.66	2.22	-	-
➔ IDEX Corp	0.38	2.60	1.45	Industrials
\ominus Fair Isaac Corp	0.37	2.97	17.39	Technology
\oplus Targa Resources Corp	0.36	3.33	-0.27	Energy
€ Atmos Energy Corp	0.35	3.69	0.92	Utilities
\oplus Reliance Steel & Aluminum Co	0.33	4.02	27.32	Basic Materials
\oplus Liberty Formula One Group Registered Shs Series -C- Formula One	0.32	4.34	25.18	Communication Svc
\ominus Axon Enterprise Inc	0.32	4.66	35.51	Industrials
€ Bunge Ltd	0.31	4.97	-3.63	Consumer Defensive
€ PTC Inc	0.30	5.27	6.82	Technology
\oplus Lattice Semiconductor Corp	0.29	5.56	47.19	Technology
$oldsymbol{eta}$ Builders FirstSource Inc	0.29	5.85	36.84	Industrials
onumber onumber	0.29	6.13	1.80	Real Estate
\oplus Booz Allen Hamilton Holding Corp Class A	0.27	6.40	-10.87	Industrials

Total Holdings 1461

⊕ Increase ⊖ Decrease 🕸 New to Portfolio

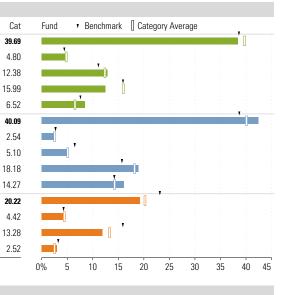




Morningstar Category Morningstar Index 📕 Small Blend

Russell 2000 TR USD

Asset Class	Net %	Cat%
US Stocks	97.03	95.73
Non-US Stocks	0.69	2.12
Bonds	0.00	0.74
Cash	2.28	1.12
Other	0.00	0.28
Total	100.00	100.00



Vanguard Target Retirement 2020 Fund VTWNX

Portfolio Manager(s)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis since 02-2023

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 10.11 years.

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

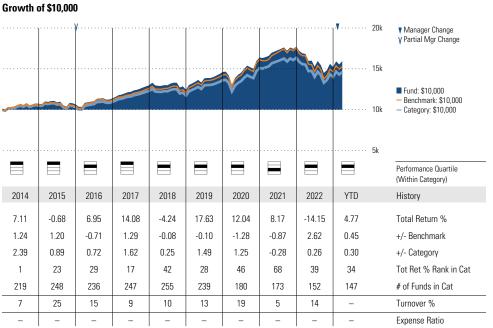
Net Expense: The fund's expense ratio of 0.08 is 86.89% lower than the Target-Date 2020 category average.

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	03-31-2023
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2020

Trailing Performance Total Return % 10% as of 03-31-2023 Fund 5 Benchmark Category Λ -5 -10 3 Month 1 Year 10 year Since Inception 3 yea 5 year 4.77 -5.26 6.90 4.30 5.77

4.07

3 99

42

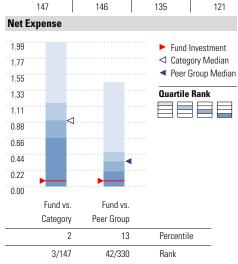
5.09

5.38

25

56

Alpha



-7.95

-576

29

6.03

6 66

53

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 than 1 year 5.73 Fund Return % 6.05 Benchmark Return % Category Average % _ % Rank in Category # of Funds in Category **3-Year Risk Metrics** Fund Bmark Cat 1.43 1.19 ~ ~ ~ 0.00

Beta	0.88	-	0.89
R-Squared	98.51	-	97.15
Standard Deviation	10.67	11.97	10.81
Sharpe Ratio	0.57	0.45	0.54
Tracking Error	1.90	-	2.32
Information Ratio	0.46	-	0.39
Up Capture Ratio	93.00	-	92.55
Down Capture Ratio	84.45	-	85.37

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.44	16.22	16.42
Price/Book Ratio	2.23	2.34	2.40
Avg Eff Duration	6.00	-	5.78

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4.32

4 4 7

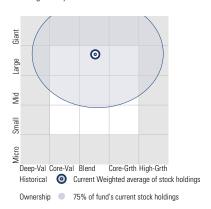
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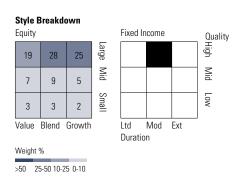


Morningstar Index Morningstar Lifetime Mod 2020 TR USD

Vanguard Target Retirement 2020 Fund VTWNX

Style Analysis as of 03-31-2023 Morningstar Style Box™





0.03	7.94
2.93	3.01
55.56	49.20
16.67	14.07
24.81	25.78
Net %	Cat%
	24.81 16.67 55.56

Morningstar Index Morningstar Lifetime Mod 2020 TR USD

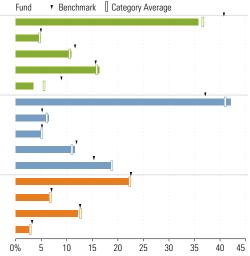
Morningstar Category

Target-Date 2020

Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	35.76	40.62	36.64
æ.	Basic Materials	4.98	4.80	4.69
A	Consumer Cyclical	10.88	11.49	10.55
цф.	Financial Services	16.44	15.52	15.85
ŵ	Real Estate	3.46	8.81	5.55
Vvr	Sensitive	42.17	36.97	41.02
d	Communication Services	6.50	5.04	6.09
0	Energy	5.03	5.01	5.10
\$	Industrials	11.61	11.75	11.01
	Technology	19.03	15.17	18.82
-	Defensive	22.08	22.41	22.34
Ħ	Consumer Defensive	7.04	6.87	6.77
٠	Healthcare	12.21	12.47	12.73
9	Utilities	2.83	3.07	2.84



Top 7 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	_	31.77	31.77	_	_
$igodoldsymbol{ imes}$ Vanguard Total Stock Mkt Idx InstI PIs	-	25.16	56.94	-	-
igodoldoldoldoldoldoldoldoldoldoldoldoldol	-	17.04	73.97	-	-
⊖ Vanguard Total Intl Bd II Idx Insl	-	14.08	88.05	-	-
\ominus Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	10.90	98.95	-	-
⊕ Mktliq 12/31/2049	-	1.04	99.99	-	-
🕀 Us Dollar	-	0.01	100.00	_	-

Total Holdings 7

 \oplus Increase \oplus Decrease R New to Portfolio



Vanguard Target Retirement 2025 Fund VTTVX

Portfolio Manager(s)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis since 02-2023

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 10.11 years.

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

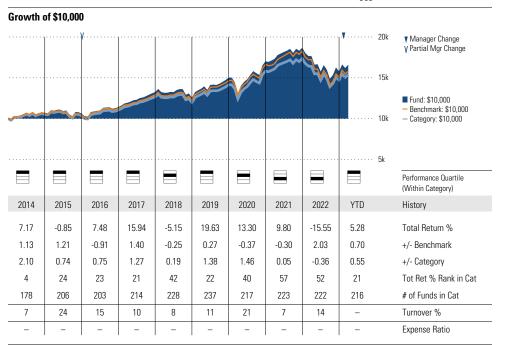
Net Expense: The fund's expense ratio of 0.08 is 87.88% lower than the Target-Date 2025 category average.

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

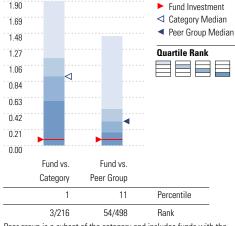
Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2025





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

1.28 0.95 0.89 Beta 98.71 **R-Squared** 97.60 Standard Deviation 12.34 12 95 11.66 Sharpe Ratio 0.61 0 49 0.58 Tracking Error 1.56 2.43 Information Ratio 0.86 0.43 Up Capture Ratio 100.24 93.63 Down Capture Ratio 92.04 86.99 **Portfolio Metrics**

	Fund	Bmark	Cat
Price/Earnings Ratio	15.45	16.05	16.52
Price/Book Ratio	2.23	2.32	2.43
Avg Eff Duration	6.42	-	6.54

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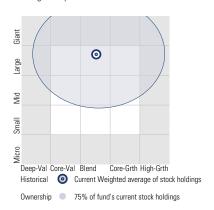


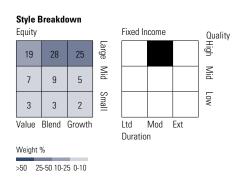
Cat

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

Vanguard Target Retirement 2025 Fund VTTVX

Style Analysis as of 03-31-2023 Morningstar Style Box™





Oulei		
Other	0.03	10.69
Cash	2.63	3.72
Bonds	43.29	41.64
Non-US Stocks	21.69	15.03
US Stocks	32.36	28.92
Asset Class	Net %	Cat%

Morningstar Category

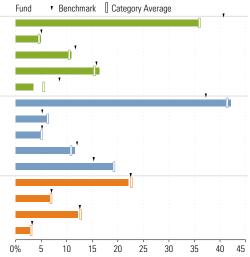
Target-Date 2025

Morningstar Index Morningstar Lifetime Mod 2025 TR USD

Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	35.75	40.54	35.96
æ.	Basic Materials	4.99	4.89	4.57
	Consumer Cyclical	10.89	11.55	10.49
ц.	Financial Services	16.42	15.67	15.42
ŵ	Real Estate	3.45	8.43	5.48
V ^{ar}	Sensitive	42.18	37.09	41.39
đ	Communication Services	6.49	5.06	6.26
0	Energy	5.05	5.02	5.07
¢	Industrials	11.60	11.88	10.83
	Technology	19.04	15.13	19.23
-	Defensive	22.06	22.37	22.66
F	Consumer Defensive	7.03	6.87	6.91
٠	Healthcare	12.21	12.42	12.74
9	Utilities	2.82	3.08	3.01



Top 7 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Stock Mkt Idx InstI PIs	_	32.82	32.82	_	_
igodoldoldoldoldoldoldoldoldoldoldoldoldol	-	27.95	60.77	_	-
$igodoldsymbol{ imes}$ Vanguard Total Intl Stock Index Inv	-	22.16	82.93	_	-
\oplus Vanguard Total Intl Bd II Idx Insl	-	12.12	95.05	_	-
\oplus Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	3.95	99.00	-	_
⊕ Mktliq 12/31/2049	-	0.98	99.98	-	-
🕀 Us Dollar	-	0.02	100.00	_	-

Total Holdings 7

 \oplus Increase \oplus Decrease R New to Portfolio



Vanguard Target Retirement 2030 Fund VTHRX

Portfolio Manager(s)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis 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 10.11 years.

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

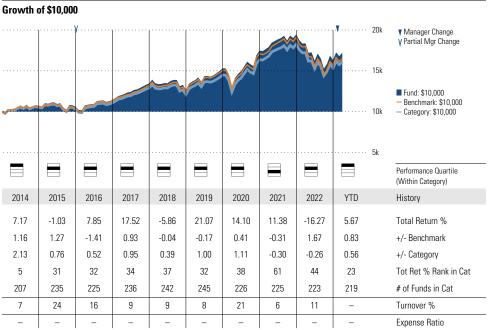
Net Expense: The fund's expense ratio of 0.08 is 88.24% lower than the Target-Date 2030 category average.

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

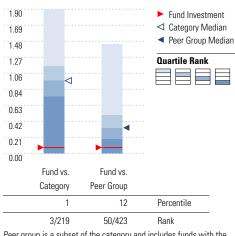
Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



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.

3-Year Risk Metrics			
	Fund	Bmark	Cat
Alpha	1.37	-	1.30
Beta	0.96	-	0.93
R-Squared	98.93	-	98.22
Standard Deviation	13.51	14.06	13.16
Sharpe Ratio	0.66	0.57	0.65
Tracking Error	1.53	-	2.16
Information Ratio	0.73	-	0.51
Up Capture Ratio	100.06	-	97.20
Down Capture Ratio	93.67	-	91.19

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.42	15.88	16.58
Price/Book Ratio	2.22	2.29	2.50
Avg Eff Duration	6.79	-	7.02

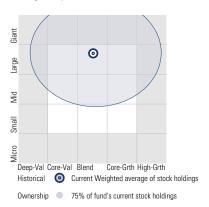
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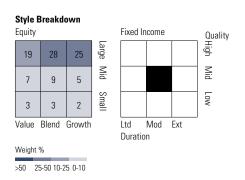


Morningstar Index Morningstar Lifetime Mod 2030 TR USD

Vanguard Target Retirement 2030 Fund VTHRX

Style Analysis as of 03-31-2023 Morningstar Style Box™





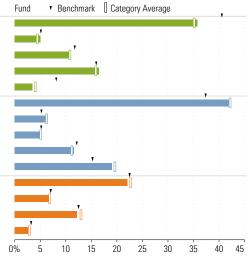
50 0

Morningstar Category Target-Date 2030	Morningstar Index Morningstar Lifetime Mod 2030 TR USD		
Asset Class	Net %	Cat%	
US Stocks	37.21	35.25	
Non-US Stocks	25.29	17.18	
Bonds	34.90	31.79	
Cash	2.55	2.12	
Other	0.04	13.66	
Total	100.00	100.00	

Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat	F
Դ	Cyclical	35.81	40.42	35.14	
æ.	Basic Materials	5.01	4.99	4.44	
	Consumer Cyclical	10.90	11.62	10.81	
H	Financial Services	16.45	15.82	15.87	
ŵ	Real Estate	3.45	7.99	4.02	
V ^{ar}	Sensitive	42.14	37.24	42.16	
đ	Communication Services	6.48	5.09	6.25	
0	Energy	5.04	5.05	5.10	
¢	Industrials	11.62	12.00	11.19	
	Technology	19.00	15.10	19.62	
-	Defensive	22.06	22.35	22.70	
F	Consumer Defensive	7.04	6.91	6.85	
٠	Healthcare	12.20	12.36	12.98	
9	Utilities	2.82	3.08	2.87	



Top 6 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
\oplus Vanguard Total Stock Mkt ldx Instl Pls	-	37.74	37.74	_	-
\ominus Vanguard Total Intl Stock Index Inv	-	25.86	63.60	-	-
\oplus Vanguard Total Bond Market II ldx Inv	-	24.61	88.21	-	-
\oplus Vanguard Total Intl Bd II ldx Insl	-	10.74	98.94	-	-
⊕ Mktliq 12/31/2049	-	1.03	99.97	-	-
🕀 Us Dollar	-	0.03	100.00	-	_

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-Díaz 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 10.11 years.

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

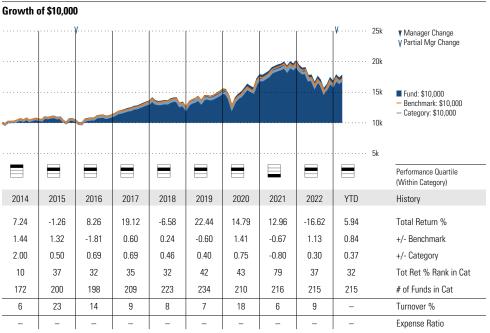
Net Expense: The fund's expense ratio of 0.08 is 88.24% lower than the Target-Date 2035 category average.

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	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Morningstar Category

Target-Date 2035

Trailing Performance Total Return % 15% as of 03-31-2023 Fund 10 5 Category 0 -5 -10 3 Month 1 Year 10 year Since Inception 3 yea 5 year 5.94 -6.36 11.12 5.68 7.43 7.06 5.10 -8.22 10.61 5.18 6.90 6.81 5 57 -677 11 19 5 50 6.96 _ 32 35 57 45 31 215 208 183 167 100 Net Expense **3-Year Risk Metrics**

Alpha

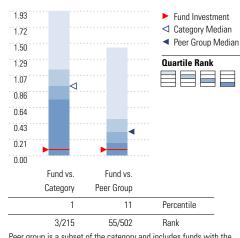
Beta

R-Squared

Sharpe Ratio

Tracking Error

Up Capture Ratio



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

Average annual, if greater than 1 year Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat 0.91 0.99 0.96 0.95 99.07 98.49 Standard Deviation 14 53 15 20 14 72 0.72 0.66 0.72 1.59 2.03 Information Ratio 0.32 0.46

98.27

Benchmark

Down Capture Ratio	94.62	-	95.72
Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.42	15.72	16.40
Price/Book Ratio	2.22	2.26	2.44
Avg Eff Duration	6.79	-	7.46

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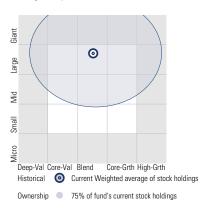
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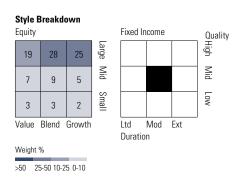
Morningstar Index Morningstar Lifetime Mod 2035 TR

USD

Vanguard Target Retirement 2035 Fund VTTHX

Style Analysis as of 03-31-2023 Morningstar Style Box™





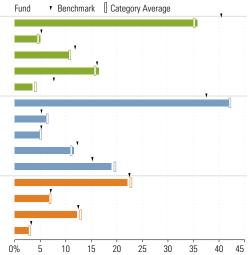
50 0

Morningstar Category Target-Date 2035	Morningstar Index Morningstar Lifetime Mod 20 USD	135 TR
Asset Class	Net %	Cat%
US Stocks	41.25	41.92
Non-US Stocks	28.17	22.09
Bonds	27.80	21.62
Cash	2.73	2.47
Other	0.04	11.90
Total	100.00	100.00

Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat	
Դ	Cyclical	35.80	40.30	35.13	
æ.	Basic Materials	5.01	5.09	4.58	
A	Consumer Cyclical	10.89	11.69	10.78	
L	Financial Services	16.45	15.99	15.73	
ŵ	Real Estate	3.45	7.53	4.04	
w	Sensitive	42.13	37.38	42.12	
	Communication Services	6.49	5.10	6.36	
0	Energy	5.04	5.08	5.08	
Ф	Industrials	11.62	12.13	11.06	
	Technology	18.98	15.07	19.62	
→	Defensive	22.06	22.32	22.75	
F	Consumer Defensive	7.05	6.92	6.92	
٠	Healthcare	12.19	12.31	12.92	
9	Utilities	2.82	3.09	2.91	



Top 6 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
\oplus Vanguard Total Stock Mkt ldx Instl PIs	_	41.84	41.84	_	-
\ominus Vanguard Total Intl Stock Index Inv	-	28.80	70.63	-	-
\oplus Vanguard Total Bond Market II ldx Inv	-	19.67	90.30	-	-
\oplus Vanguard Total Intl Bd II Idx Insl	-	8.49	98.79	-	-
① Mktliq 12/31/2049	-	1.18	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)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis 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 10.11 years.

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

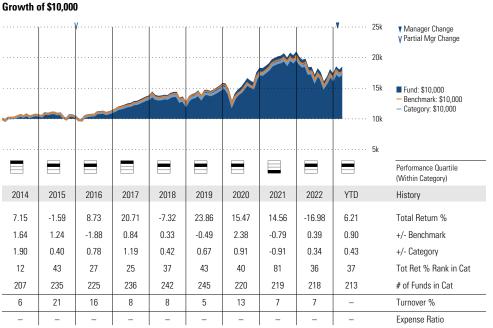
Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2040 category average.

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	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

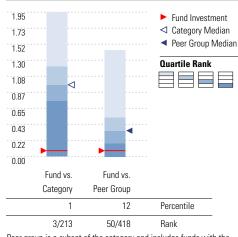


Morningstar Category

Target-Date 2040







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

% Rank in Category # of Funds in Category Fund Bmark Cat Alpha 0.54 0.47 0.96 0.98 Beta _ 99.04 **R-Squared** 98.52 Standard Deviation 15 57 16 22 15.95 Sharpe Ratio 0.76 074 0.76 Tracking Error 1.69 2.10 Information Ratio 0.04 0.21 Up Capture Ratio 97.89 100.08 Down Capture Ratio 96.25 99.00

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.44	15.56	16.35
Price/Book Ratio	2.23	2.24	2.43
Avg Eff Duration	6.79	_	7.96

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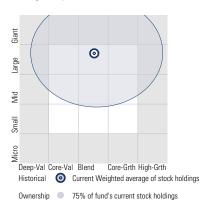
Morningstar Index Morningstar Lifetime Mod 2040 TR

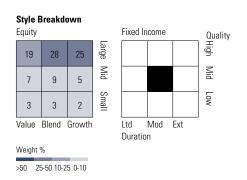
USD



Vanguard Target Retirement 2040 Fund VFORX

Style Analysis as of 03-31-2023 Morningstar Style Box™





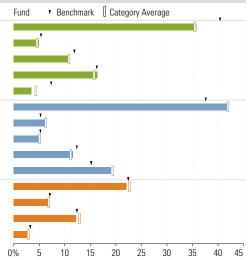
50 0

20.75 2.88 0.03	13.38 1.87 10.26
20.75	13.38
30.68	25.85
45.66	48.64
Net %	Cat%
	45.66

Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat	Fund
Դ	Cyclical	35.76	40.26	35.46	
æ.	Basic Materials	4.99	5.20	4.57	
	Consumer Cyclical	10.89	11.74	10.82	
	Financial Services	16.43	16.13	15.73	
ŵ	Real Estate	3.45	7.19	4.34	
w	Sensitive	42.16	37.45	41.92	
đ	Communication Services	6.49	5.12	6.28	
0	Energy	5.04	5.08	5.06	
¢	Industrials	11.60	12.22	11.16	
	Technology	19.03	15.03	19.42	
	Defensive	22.07	22.28	22.63	
F	Consumer Defensive	7.04	6.94	6.86	
٠	Healthcare	12.21	12.24	12.92	
9	Utilities	2.82	3.10	2.85	
					~



Top 6 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
\oplus Vanguard Total Stock Mkt ldx Instl PIs	_	46.32	46.32	_	_
\ominus Vanguard Total Intl Stock Index Inv	-	31.36	77.67	_	-
\oplus Vanguard Total Bond Market II ldx Inv	-	14.75	92.42	_	-
\oplus Vanguard Total Intl Bd II ldx Insl	-	6.26	98.68	_	-
① Mktliq 12/31/2049	-	1.29	99.97	-	-
🕀 Us Dollar	-	0.03	100.00	-	-

Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



Morningstar Category

Target-Date 2040

Morningstar Index Morningstar Lifetime Mod 2040 TR USD

Vanguard Target Retirement 2045 Fund VTIVX

Portfolio Manager(s)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis since 02-2023

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 10.11 years.

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

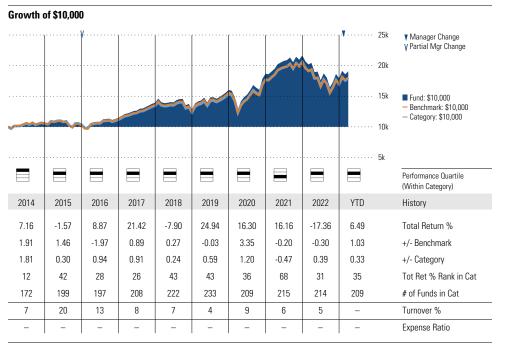
Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2045 category average.

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	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

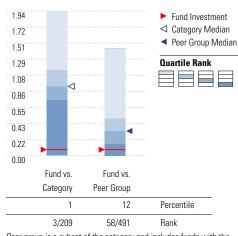


Morningstar Category

Target-Date 2045







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

Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha 0.55 0.19 0.98 Beta 0.98 98.96 **R-Squared** 98.45 16.87 Standard Deviation 16 65 16 74 Sharpe Ratio 0.80 0 78 0.78 Tracking Error 1.72 2.16 Information Ratio 0.22 0.08 Up Capture Ratio 100.77 100.55 Down Capture Ratio 99.47 100.96

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.45	15.42	16.33
Price/Book Ratio	2.23	2.21	2.41
Avg Eff Duration	6.79	-	8.71

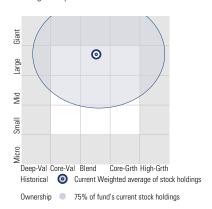
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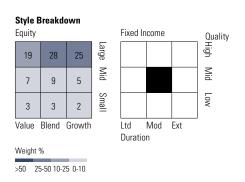


Morningstar Index Morningstar Lifetime Mod 2045 TR USD

Vanguard Target Retirement 2045 Fund VTIVX

Style Analysis as of 03-31-2023 Morningstar Style Box™





Other	0.04	11.05
Cash	2.97	2.02
Bonds	13.36	7.32
Non-US Stocks	33.50	28.06
US Stocks	50.14	51.55
Asset Class	Net %	Cat%

Morningstar Category

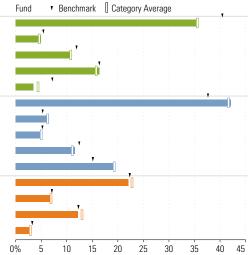
Target-Date 2045

Morningstar Index Morningstar Lifetime Mod 2045 TR USD

Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat	Fun
Դ	Cyclical	35.75	40.31	35.55	
æ.	Basic Materials	4.98	5.28	4.63	
	Consumer Cyclical	10.89	11.77	10.79	
	Financial Services	16.43	16.23	15.76	
ŵ	Real Estate	3.45	7.03	4.37	
V.	Sensitive	42.18	37.50	41.67	
	Communication Services	6.50	5.14	6.26	
0	Energy	5.04	5.09	5.00	
Ф	Industrials	11.59	12.30	11.10	
	Technology	19.05	14.97	19.31	
-	Defensive	22.08	22.19	22.77	
	Consumer Defensive	7.04	6.95	6.92	
٠	Healthcare	12.22	12.14	12.98	
2	Utilities	2.82	3.10	2.87	
					00/



Top 6 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
\oplus Vanguard Total Stock Mkt Idx Instl PIs	_	50.86	50.86	_	_
\oplus Vanguard Total Intl Stock Index Inv	-	34.23	85.10	_	-
\oplus Vanguard Total Bond Market II ldx Inv	-	9.52	94.62	_	-
\oplus Vanguard Total Intl Bd II ldx Insl	-	4.00	98.62	_	-
① Mktliq 12/31/2049	-	1.35	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)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis since 02-2023

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 10.11 years.

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

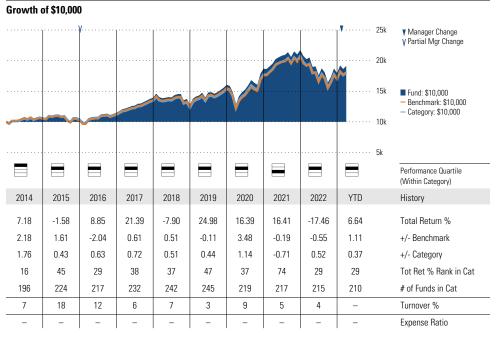
Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2050 category average.

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	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

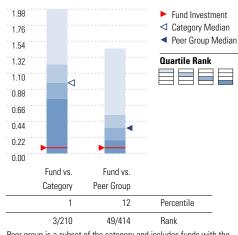


Morningstar Category

Target-Date 2050







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

% Rank in Category # of Funds in Category Fund Bmark Cat Alpha 0.30 0.02 0.99 Beta 0.98 98.91 **R-Squared** 98.37 Standard Deviation 16 89 17 13 17 11 Sharpe Ratio 0.80 0 79 0.78 Tracking Error 1.79 2.21 Information Ratio 0.04 0.00 Up Capture Ratio 100.39 101.09 Down Capture Ratio 100.35 102.43

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.46	15.30	16.35
Price/Book Ratio	2.23	2.19	2.41
Avg Eff Duration	6.78	_	8.79

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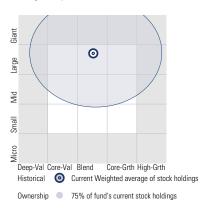


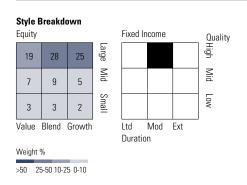
Morningstar Index Morningstar Lifetime Mod 2050 TR USD



Vanguard Target Retirement 2050 Fund VFIFX

Style Analysis as of 03-31-2023 Morningstar Style Box™





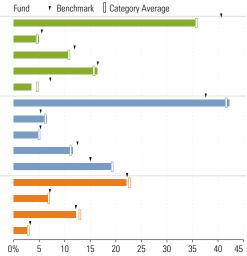
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Morningstar Category Target-Date 2050	Morningstar Index Morningstar Lifetime Mod 2050 TR USD		
Asset Class	Net %	Cat%	
US Stocks	52.58	54.30	
Non-US Stocks	35.09	28.81	
Bonds	9.33	5.14	
Cash	2.95	1.80	
Other	0.04	9.94	
Total	100.00	100.00	

Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat	F
Դ	Cyclical	35.74	40.48	35.74	
æ.	Basic Materials	4.98	5.36	4.60	
	Consumer Cyclical	10.89	11.78	10.81	
ц.	Financial Services	16.42	16.32	15.70	
ŵ	Real Estate	3.45	7.02	4.63	
V*	Sensitive	42.19	37.46	41.60	
	Communication Services	6.50	5.14	6.21	
0	Energy	5.04	5.09	4.97	
¢	Industrials	11.59	12.35	11.14	
	Technology	19.06	14.88	19.28	
-	Defensive	22.07	22.06	22.66	
E	Consumer Defensive	7.03	6.94	6.86	
٠	Healthcare	12.23	12.03	12.96	
Ç	Utilities	2.81	3.09	2.84	
					~~~



#### **Top 6 Holdings** as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.34	53.34	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.87	89.21	-	-
$\ominus$ Vanguard Total Bond Market II ldx Inv	-	6.71	95.92	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.73	98.65	-	-
① Mktliq 12/31/2049	-	1.31	99.96	-	-
🕀 Us Dollar	-	0.04	100.00	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



## Vanguard Target Retirement 2055 Fund VFFVX

#### Portfolio Manager(s)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis 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 10.11 years.

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

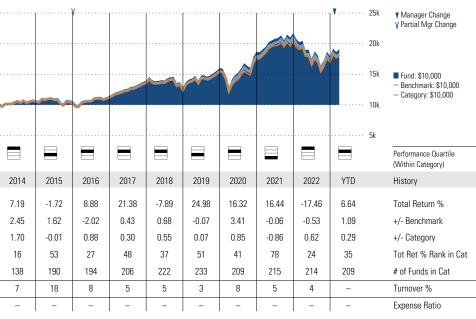
Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2055 category average.

#### **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	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022



Alpha

Beta

**R-Squared** 

Sharpe Ratio

Down Capture Ratio

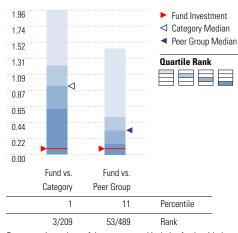
Morningstar Category

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.

0 -5 -10 Average annual, if greater than 1 year Since Inception Fund Return % Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat 0.30 0.06 0.98 0.99 98.86 98.30 Standard Deviation 16 88 17 19 17 23 0.80 0 79 0.78 Tracking Error 1.84 2.24 Information Ratio 0.01 0.03 Up Capture Ratio 100.12 101.66

100.15

**Total Return %** 

as of 03-31-2023

Benchmark 5

Category

Fund

15%

10

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.46	15.19	16.31
Price/Book Ratio	2.23	2.17	2.40
Avg Eff Duration	6.78	-	9.72

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102.94

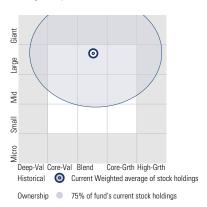
Morningstar Index Morningstar Lifetime Mod 2055 TR

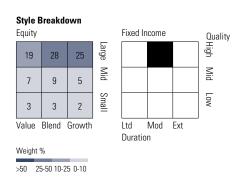
USD

Growth of \$10,000

## Vanguard Target Retirement 2055 Fund VFFVX

Style Analysis as of 03-31-2023 Morningstar Style Box™





## 

0.04	9.15
2.89	1.50
9.31	4.83
35.13	30.35
52.64	54.19
Net %	Cat%
	52.64 35.13 9.31

Morningstar Category

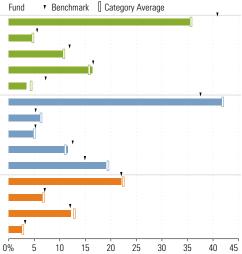
Target-Date 2055

Morningstar Index Morningstar Lifetime Mod 2055 TR USD

#### Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat	Fund V Benchmark
Դ	Cyclical	35.74	40.71	35.69	
æ.	Basic Materials	4.98	5.43	4.74	
4	Consumer Cyclical	10.89	11.78	10.80	
<b>L</b>	Financial Services	16.42	16.40	15.76	)
ŵ	Real Estate	3.45	7.10	4.39	
w,	Sensitive	42.18	37.40	41.90	
đ	Communication Services	6.49	5.14	6.33	
•	Energy	5.04	5.09	5.04	
¢	Industrials	11.59	12.39	11.10	()
	Technology	19.06	14.78	19.43	•
<b>→</b>	Defensive	22.09	21.90	22.42	
۲	Consumer Defensive	7.04	6.92	6.80	
٠	Healthcare	12.23	11.90	12.85	
	Utilities	2.82	3.08	2.77	



#### Top 6 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt Idx Instl PIs	_	53.40	53.40	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.90	89.29	_	-
⊖ Vanguard Total Bond Market II Idx Inv	-	6.70	95.99	_	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.73	98.72	_	-
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 2060 Fund VTTSX

#### Portfolio Manager(s)

Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023 Aurélie Denis 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 10.11 years.

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

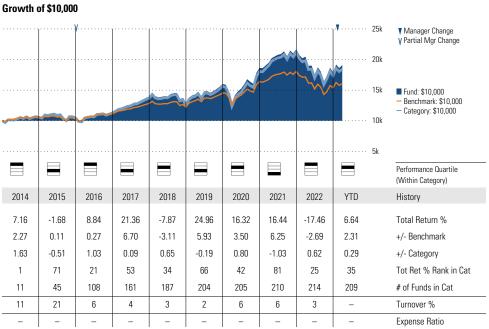
Net Expense: The fund's expense ratio of 0.08 is 88.73% lower than the Target-Date 2060 category average.

#### **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	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022

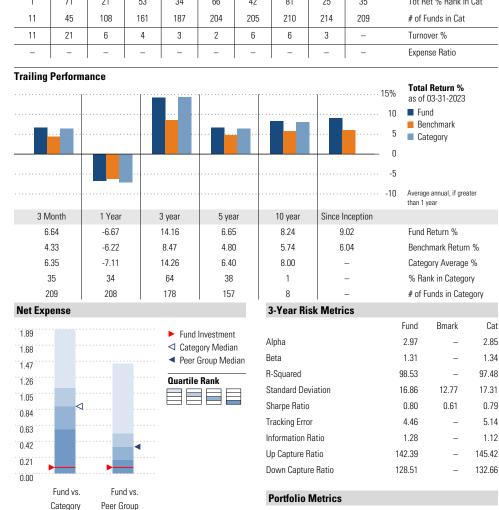


#### Target-Date 2060

Morningstar Category

Morningstar Index Morningstar Mod Tgt Risk TR USD





49/411 Peer group is a subset of the category and includes funds with the same management style (active vs. passive) and similar share class characteristics.

12

Percentile

Rank

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.45	15.15	16.28
Price/Book Ratio	2.23	2.14	2.39
Avg Eff Duration	6.78	-	8.09

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3/209



Cat

2.85

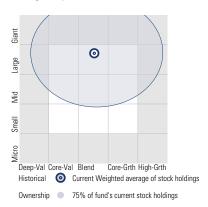
1 34

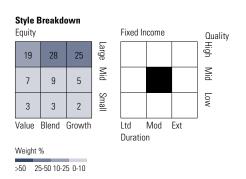
5.14

1.12

## Vanguard Target Retirement 2060 Fund VTTSX

**Style Analysis** as of 03-31-2023 Morningstar Style Box™





## 

Asset Class	Net %	Cat%
US Stocks	52.66	51.71
Non-US Stocks	35.15	32.04
Bonds	9.22	4.58
Cash	2.94	1.92
Other	0.04	9.74
Total	100.00	100.00

**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

Morningstar Category

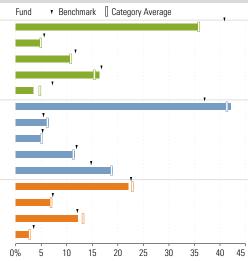
Target-Date 2060

~

#### Sector Weighting as of 03-31-2023

Asset Allocation as of 03-31-2023

		Fund	Bmark	Cat
Դ	Cyclical	35.74	40.72	35.82
<i>.</i>	Basic Materials	4.98	5.44	4.91
A	Consumer Cyclical	10.88	11.57	10.77
цф	Financial Services	16.42	16.65	15.41
ŵ	Real Estate	3.46	7.06	4.73
w	Sensitive	42.18	36.84	41.34
d	Communication Services	6.50	5.30	6.22
0	Energy	5.04	5.13	5.06
¢	Industrials	11.59	11.78	11.30
	Technology	19.05	14.63	18.76
	Defensive	22.08	22.44	22.84
F	Consumer Defensive	7.04	7.13	6.92
٠	Healthcare	12.22	11.93	13.19
Ç	Utilities	2.82	3.38	2.73
-				



#### Top 6 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	_	53.41	53.41	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.92	89.33	-	-
$\ominus$ Vanguard Total Bond Market II Idx Inv	-	6.61	95.94	-	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	2.73	98.67	-	-
⊕ Mktliq 12/31/2049	-	1.29	99.96	-	-
🕀 Us Dollar	-	0.04	100.00	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



## Vanguard Target Retirement 2065 Fund VLXVX

Portfolio Manager(s)

Aurélie Denis since 02-2023 Michael Roach since 02-2023 Roger Aliaga-Díaz since 02-2023

#### Quantitative Screens

 $\times$  *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 5.72 years.

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

Net Expense: The fund's expense ratio of 0.08 is 88.57% lower than the Target-Date 2065+ category average.

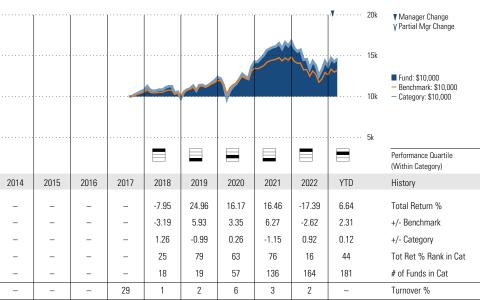
#### **Morningstar Investment Management LLC Analysis**

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

#### **ESG Metrics**

Metric	Rating	Updated
Sustainability Rating	3	03-31-2023
Carbon Risk Score	Low Risk	12-31-2022
ESG Commitment	1-Low	02-15-2022





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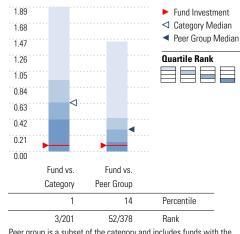
Expense Ratio

Morningstar Category

Target-Date 2065+

#### **Trailing Performance Total Return %** 15% as of 03-31-2023 Fund 10 Benchmark 5 Category 0 -5 -10 Average annual, if greater than 1 year 3 Month 1 Year 10 year Since Inception 3 year 5 year Fund Return % 6.64 -6.64 14.17 6.64 7.34 4.33 -6.22 8.47 4.80 5.74 6.04 6 52 -7 22 14 59 6 57 _ 44 24 70 50 181 158 66 10 Net Expense **3-Year Risk Metrics**

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

Benchmark Return % Category Average % % Rank in Category # of Funds in Category Fund Bmark Cat Alpha 2.98 2.89 1 37 Beta 1 31 R-Squared 98.52 97.82 Standard Deviation 16 86 12 77 17 66 Sharpe Ratio 0.80 0.61 0.79 Tracking Error 4.47 5.37 Information Ratio 1.28 1.12 Up Capture Ratio 142.46 148.38 Down Capture Ratio 128.54 135.43

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.46	15.15	15.87
Price/Book Ratio	2.23	2.14	2.32
Avg Eff Duration	6.79	-	8.15

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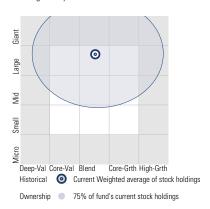


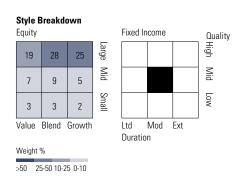
Morningstar Index

Morningstar Mod Tgt Risk TR USD

## Vanguard Target Retirement 2065 Fund VLXVX

Style Analysis as of 03-31-2023 Morningstar Style Box™





## 50 100 0

Asset Allocation as of 03-31-2023

Sector Weighting as of 03-31-2023

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Asset Class	Net %	Cat%
US Stocks	52.58	50.44
Non-US Stocks	35.09	32.50
Bonds	9.13	6.79
Cash	3.16	2.29
Other	0.04	7.99
Total	100.00	100.00

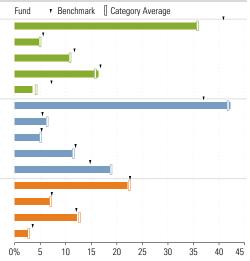
**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

**Morningstar Category** 

Target-Date 2065+

#### Bmark Cat Fund Դ Cyclical 35.74 40.72 35.78 æ. Basic Materials 4.98 4.96 5.44 A Consumer Cyclical 10.89 11.57 10.84 ц. Financial Services 16.42 16 65 15.79 ŵ Real Estate 3.45 7.06 4.19 Sensitive 42.19 36.84 41.77 đ **Communication Services** 6.50 5.30 6.36 Energy 5.04 5.13 5.07 ¢ Industrials 11.59 11.78 11.48 Technology 19.06 14.63 18.86 22.08 22.44 Defensive 22.46 **Consumer Defensive** 7.04 7.13 7.02 Healthcare 12.23 11.93 12.69 Utilities 2.81 3.38 2.75



#### Top 6 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	_	53.33	53.33	_	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.87	89.20	_	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	6.42	95.62	_	-
$\oplus$ Vanguard Total Intl Bd II Idx Insl	-	2.82	98.44	_	-
⊕ Mktliq 12/31/2049	-	1.43	99.87	-	-
🕀 Us Dollar	-	0.13	100.00	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



## Vanguard Target Retirement 2070 Fund VSVNX

**Morningstar Category** Target-Date 2065+

Morningstar Index

7.73

6.04

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Morningstar Mod Tgt Risk TR USD

Vanager Change

Fund: \$10,000 - Benchmark: \$10,000

- Category: \$10,000

Performance Quartile (Within Category)

Total Return %

+/- Benchmark

Tot Ret % Rank in Cat

# of Funds in Cat

Turnover %

Expense Ratio

+/- Category

History

V Partial Mgr Change

Portfolio Manager(s)			Growth	of \$10,00	00								
Aurélie Denis since 02-2	2023			· · · · · · · · · · · · · ·		1			· · · · · · · · · · · · ·			<b>.</b>	15k
Michael Roach since 02-	-2023												
Roger Aliaga-Díaz since	02-2023												
<b>Quantitative Screens</b> The Performance screen less than three years of		funds with									·····	<b>*</b>	10k
× Management: The fu	ind's management te	am has been in											5k
place for less than three	years.												
Style: The fund has I Large Blend — 100 % of			2014	2015	2016	2017	2018	2019	2020	2021	2022	YTD	
Large Dienu — 100 /0 0		ast three years.										0.04	
🥺 Net Expense: The fu	nd's expense ratio o	f 0.08 is	-	-	-	_	_	-	_	-	-	6.64	
88.57% lower than the T	Farget-Date 2065+ ca	ategory	-	-	-	-	_	-	_	-	-	2.31	
average.			-	-	-	-	-	-	-	-	-	0.12	
			-	-	-	-	-	-	-	-	-	41	
Morningstar Investme	ent Management Ll	LC Analysis		-	-	-	-	-	-	-	-	181	
This fund fails the mana	aer tenure screen du	e to a limited	_	-	-	-	-	-	-	-	44	-	
history for this target-da	-		-	-	-	-	-	-	-	-	-	-	
inotory for the target du	ito mitago.		Trailing	Perform	ance								
ESG Metrics								1	r.				15%
													10
Metric	Rating	Updated											
Sustainability Rating	3	03-31-2023					••••						5
Carbon Risk Score	Low Risk	12-31-2022											0
													-5
													-10
			3 N	Nonth	1 Year		3 year	5 ye	ar	10 year	Since I	nception	

-6.22

-7.22

_

8.47

14.59

_

4.80

6.57

_

Fund Investment Category Median

Quartile Rank 

Percentile

Peer Group Median

**Total Return %** as of 03-31-2023

Fund
Benchmark
Category

Average annual, if greater than 1 year

Fund Return %
Benchmark Return %
Category Average %
% Rank in Category
# of Funds in Category

#### **3-Year Risk Metrics**

5.74

_

	Fund	Bmark	Cat
Alpha	_	-	2.89
Beta	_	-	1.37
R-Squared	-	-	97.82
Standard Deviation	_	12.77	17.66
Sharpe Ratio	_	0.61	0.79
Tracking Error	_	-	5.37
Information Ratio	_	-	1.12
Up Capture Ratio	_	-	148.38
Down Capture Ratio	-	-	135.43

Portfolio Metrics			
	Fund	Bmark	Cat
Price/Earnings Ratio	15.48	15.15	15.87
Price/Book Ratio	2.23	2.14	2.32
Avg Eff Duration	6.79	-	8.15

#### 3/201 52/378 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 vs

Peer Group 14

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Fund vs

Category

1

6.64

4.33

6 52

41 181

Net Expense

1.89

1.68

1.47 1.26

1.05 0.84 0.63 0.42 0.21 0.00



## Vanguard Target Retirement 2070 Fund VSVNX

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Energy

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Utilities

Cyclical

Basic Materials

Consumer Cyclical

Financial Services

**Communication Services** 

Real Estate

Sensitive

Industrials

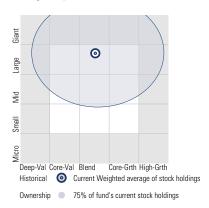
Technology

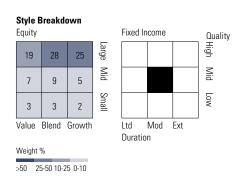
Defensive

Healthcare

**Consumer Defensive** 

Style Analysis as of 03-31-2023 Morningstar Style Box™





## 50 100 0

Asset Allocation as of 03-31-2023

Asset Class	Net %	Cat%
US Stocks	53.25	50.44
Non-US Stocks	35.12	32.50
Bonds	9.86	6.79
Cash	1.73	2.29
Other	0.04	7.99
Total	100.00	100.00

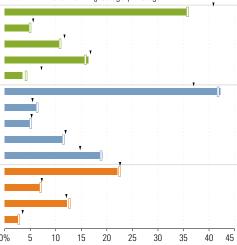
**Morningstar Index** 

Morningstar Mod Tgt Risk TR USD

#### Sector Weighting as of 03-31-2023 Benchmark [] Category Average Bmark Cat Fund Fund 35.70 40.72 35.78 4.96 4.96 5.44 10.88 11.57 10.84 16.40 16 65 15.79 3.46 7.06 4.19 42.21 36.84 41.77 6.50 5.30 6.36 5.04 5.13 5.07 11.58 11.78 11.48 19.09 14.63 18.86 22.08 22.44 22.46 7.04 7.13 7.02 12.23 11.93 12.69 2.81 3.38 2.75 0%

**Morningstar Category** 

Target-Date 2065+



#### Top 6 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
$\oplus$ Vanguard Total Stock Mkt ldx Instl PIs	_	54.01	54.01	-	_
$\oplus$ Vanguard Total Intl Stock Index Inv	-	35.88	89.90	-	-
$\oplus$ Vanguard Total Bond Market II ldx Inv	-	7.00	96.90	-	-
$\oplus$ Vanguard Total Intl Bd II ldx Insl	-	2.99	99.89	-	-
O Mktliq 12/31/2049	-	0.18	100.06	-	-
⊕ Us Dollar	-	0.06	100.13	-	_

#### Total Holdings 6

🕀 Increase 👄 Decrease 🕸 New to Portfolio



average.

**ESG Metrics** 

ESG Commitment

Metric

## Vanguard Target Retirement Income Fund VTINX

20

15k

10k

5k

Morningstar Index Morningstar Lifetime Mod Incm TR

Vanager Change V Partial Mgr Change

Fund: \$10.000 - Benchmark: \$10,000

Category: \$10,000

Performance Quartile

(Within Category)

Total Return %

+/- Benchmark

Tot Ret % Rank in Cat

# of Funds in Cat

+/- Category

Turnover %

Expense Ratio

**Total Return %** 

as of 03-31-2023

Benchmark

Average annual, if greater than 1 year

Benchmark Return %

Category Average %

% Rank in Category

# of Funds in Category

Bmark

_

921

0 49

Bmark

16.63

2.42

Cat

-1.04

0.94

95.94

8.86

0.34

2.08

-0.62

90.30

98.47

Cat

16.26

2.30

6 53

Fund Return %

Fund

-1.04

0.90

97.56

8 4 2

0.35

1.59

-1.00

87.09

95.35

Fund

15 41

2.22

5 81

Category

Fund

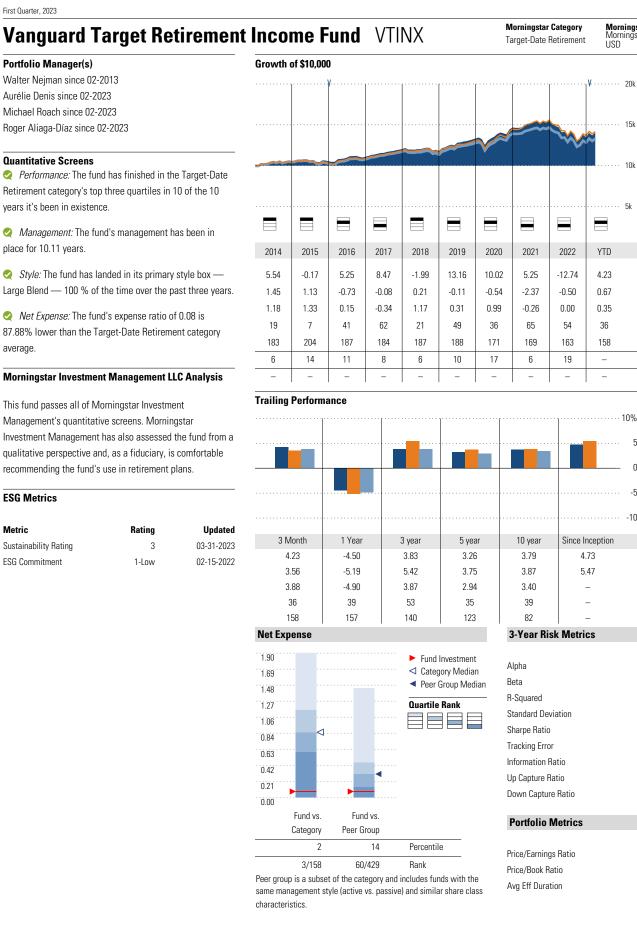
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History



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## Vanguard Target Retirement Income Fund VTINX

Դ Cyclical

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Energy

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Utilities

**Basic Materials** 

**Consumer Cyclical** 

**Financial Services** 

Real Estate

Sensitive

Industrials

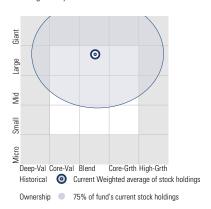
Technology

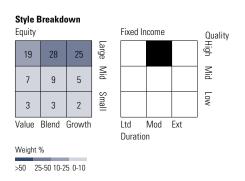
Defensive

Healthcare

**Consumer Defensive** 

Style Analysis as of 03-31-2023 Morningstar Style Box™

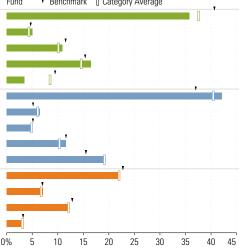




## 100 0 50

11.74 67.75 3.36 0.02	9.92 52.87 4.94 13.36
67.75	52.87
11.74	9.92
17.11	18.92
Net %	Cat%

#### Sector Weighting as of 03-31-2023 Benchmark [] Category Average Fund Fund Bmark Cat 35.81 40.52 37.55 i and i 5.01 4.56 4.35 10.88 11.39 10.13 16.48 15.23 14.58 3.44 9.34 8.49 42.13 36.87 40.44 **Communication Services** 6.50 5.03 6.09 5.04 5.00 4.87 11.61 11.47 10.34 18.98 15.37 19.14 22.08 22.61 21.99 7.06 6.85 6.75 12.20 12.69 12.11 2.82 3.07 3.13



#### Top 7 Holdings as of 03-31-2023

Name	Maturity Date	% Net Asset	Cumulative %	YTD Return %	Morningstar Sector
⊖ Vanguard Total Bond Market II Idx Inv	_	36.58	36.58	_	_
$\oplus$ Vanguard Total Stock Mkt Idx InstI PIs	-	17.36	53.94	_	-
$igodoldsymbol{ m O}$ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	-	16.62	70.56	_	-
⊖ Vanguard Total Intl Bd II Idx Insl	-	16.15	86.71	_	-
$\ominus$ Vanguard Total Intl Stock Index Inv	-	12.01	98.72	-	-
⊕ Mktliq 12/31/2049	-	1.26	99.98	-	-
$\oplus$ Us Dollar	-	0.02	100.00	_	-

#### Total Holdings 7

🕀 Increase 👄 Decrease 🕸 New to Portfolio



**Morningstar Category** Target-Date Retirement Morningstar Index Morningstar Lifetime Mod Incm TR USD

Asset Allocation as of 03-31-2023